

```
RESULT 448
US-10-156-306-520/c
; Sequence 520, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 520
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-520

Query Match      1.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1099
Db      17  AAAAAAAAAAAGAA 2

RESULT 449
US-09-800-629A-21/c
; Sequence 21, Application US/09800629A
; Patent No. US20020128216A1
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Karras, James G
; APPLICANT: McKay, Robert
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL
; TITLE OF INVENTION: TRANSDUCTION
; FILE REFERENCE: ISPH-0537
; CURRENT APPLICATION NUMBER: US/09/800,629A
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: PCT/US00/07318
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: 09/280,799
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 210
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-800-629A-21

Query Match      1.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      992 TGGAGTCTGAGGCTG 1007
Db      18  TGGAGGCTGAGGCTG 3

RESULT 450
US-09-791-406-30
; Sequence 30, Application US/09791406
; Patent No. US20020147165A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Robert Rothlein
; APPLICANT: Takashi Keli Kishimoto
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION
; FILE REFERENCE: RTS-0097
; CURRENT APPLICATION NUMBER: US/09/791,406
; CURRENT FILING DATE: 2001-02-22
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-406-30

Query Match      1.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      342 CTTGGTCCAGCGCCA 357
Db      4  CTTGGTCCAGGGCCA 19

RESULT 451
US-09-948-002-51/c
; Sequence 51, Application US/09948002
; Publication No. US20030050265A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan F. Murray
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH
; TITLE OF INVENTION: FACTOR BETA EXPRESSION
; FILE REFERENCE: ISPH-0607
; CURRENT APPLICATION NUMBER: US/09/948,002
; CURRENT FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: 09/661,753
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: 60/154,546
; PRIOR FILING DATE: 1999-09-17
; NUMBER OF SEQ ID NOS: 71
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-948-002-51

Query Match      1.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      566 GGGATCCTCGTGCCT 581
Db      20  GGGATCCTCGCGGCT 5

RESULT 452
US-10-367-169-37/c
; Sequence 37, Application US/10367169
; Publication No. US20030228660A1
; GENERAL INFORMATION:
; APPLICANT: Gray, Jeff
; APPLICANT: Buechler, Joe
; APPLICANT: Veeramallu, Uday Kumar
; TITLE OF INVENTION: EUKARYOTIC SIGNAL SEQUENCES FOR POLYPEPTIDE EXPRESSION AND POLYP
; TITLE OF INVENTION: DISPLAY LIBRARIES
; FILE REFERENCE: 11055US02
; CURRENT APPLICATION NUMBER: US/10/367,169
; CURRENT FILING DATE: 2003-02-13
```

```

; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 39
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-39

Query Match      1.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      725 GGAGCTGCGGTACAGT 740
      |||||
Db      1 GGAGTGGGTACAGT 16

RESULT 445
US-10-209-787-40/c
; Sequence 40, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 40
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-40

Query Match      1.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      725 GGAGCTGCGGTACAGT 740
      |||||
Db      17 GGAGTGGGTACAGT 2

RESULT 446
US-10-209-787-43
; Sequence 43, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 40
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-40

Query Match      1.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      725 GGAGCTGCGGTACAGT 740
      |||||
Db      17 GGAGTGGGTACAGT 2

RESULT 447
US-10-209-787-44/c
; Sequence 44, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 44
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-44

Query Match      1.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      725 GGAGCTGCGGTACAGT 740
      |||||
Db      16 GGAGTGGGTACAGT 1

RESULT 448
US-10-209-787-45/c
; Sequence 45, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 45
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-45
```

```
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; FILE REFERENCE: MBH00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 389
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-389

Query Match      1.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 136 CTGCTTTGGGGGCTGC 151
Db 16 CTGCTGTGGGGGCTGC 1

RESULT 441
US-10-338-777-196
; Sequence 196, Application US/10338777
; Publication No. US20030189343A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: United States Department of Agriculture
; APPLICANT: Bowen, Benjamin A
; APPLICANT: Haudenschild, Christian D
; APPLICANT: Buckler, Edward S
; TITLE OF INVENTION: Identification of Genes Associated with Growth in Plants
; FILE REFERENCE: 37-000510US
; CURRENT APPLICATION NUMBER: US/10/338,777
; CURRENT FILING DATE: 2003-01-07
; NUMBER OF SEQ ID NOS: 405
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 196
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-10-338-777-196

Query Match      1.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1081 ATTAAAAAATAAAAAA 1096
Db 2 ATCAAAAAAATAAAAAA 17

RESULT 442
US-10-209-787-35
; Sequence 35, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
```

```
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 35
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-35

Query Match      1.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 725 GGAGTGGGTACAGT 740
Db 1 GGAGTGGGTACAGT 16

RESULT 443
US-10-209-787-36/c
; Sequence 36, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 36
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-36

Query Match      1.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 725 GGAGTGGGTACAGT 740
Db 17 GGAGTGGGTACAGT 2

RESULT 444
US-10-209-787-39
; Sequence 39, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
```

```
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 40
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-818-875-40

Query Match      1.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 725 GGAGCTGCGGTACAGT 740
Db 17 GGAGTGGCGGTACAGT 2

RESULT 437
US-09-818-875-43
; Sequence 43, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gampert, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 43
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-818-875-43

Query Match      1.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 725 GGAGCTGCGGTACAGT 740
Db 2 GGAGTGGCGGTACAGT 17

RESULT 438
US-09-818-875-44/c
; Sequence 44, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gampert, Howard B.
; APPLICANT: Rice, Michael C.
```

```
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 44
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-818-875-44

Query Match      1.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 725 GGAGCTGCGGTACAGT 740
Db 16 GGAGTGGCGGTACAGT 1

RESULT 439
US-09-792-818-388/c
; Sequence 388, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and reagent for the inhibition of Grb-2-related with Inse
; TITLE OF INVENTION: (GRID) Gene
; FILE REFERENCE: MBH00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 388
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-792-818-388

Query Match      1.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 136 CTGCTTTGGGGCTGC 151
Db 17 CTGCTTTGGGGCTGC 2

RESULT 440
US-09-792-818-389/c
; Sequence 389, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
```

```
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 1972
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; LOCATION: (1188486)...(1188501)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 2517
US-10-287-919-1972

Query Match
Best Local Similarity 1.3%; Score 14.4; DB 1; Length 16;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1077 AACTATTAAAGAAAA 1092
Db 1 AACTATTAAAGAAAA 16

RESULT 433
US-09-818-875-35
; Sequence 35, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 35
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-35

Query Match
Best Local Similarity 1.3%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 725 GGAGCTCGGTACAGT 740
Db 1 GGAGGTGCGGTACAGT 16

RESULT 434
US-09-818-875-36/c
; Sequence 36, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
```

```
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 36
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-36

Query Match
Best Local Similarity 1.3%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 725 GGAGCTCGGTACAGT 740
Db 1 GGAGGTGCGGTACAGT 16

RESULT 435
US-09-818-875-39
; Sequence 39, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 39
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-39

Query Match
Best Local Similarity 1.3%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 725 GGAGCTCGGTACAGT 740
Db 1 GGAGGTGCGGTACAGT 16

RESULT 436
US-09-818-875-40/c
; Sequence 40, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
```

```
Query Match      1.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      649 AACCGAGTGTCTCATGC 666
Db      1 AACCGAGTGTCTCTTC 18

RESULT 428
US-10-159-901-10
; Sequence 10, Application US/10159901
; Publication No. US20030073235A1
; GENERAL INFORMATION:
; APPLICANT: LAGARIAS, JOHN
; APPLICANT: KOICHI, TAKAYUKI
; APPLICANT: FRANKENBERG, NICOLE
; APPLICANT: GAMBETTA, GREGORY
; APPLICANT: MONTGOMERY, BERONDA
; TITLE OF INVENTION: LIGHT CONTROLLED GENE EXPRESSION UTILIZING HETEROLOGOUS PHYTOCHROME
; FILE REFERENCE: 407T-907731US
; CURRENT APPLICATION NUMBER: US/10/159,901
; CURRENT FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: 60/294,463
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Primer
US-10-159-901-10

Query Match      1.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      309 CATGGGAAGACTGCAGA 326
Db      2 CATGGGAAGTCTGCAAA 19

RESULT 429
US-10-001-844-26/c
; Sequence 26, Application US/10001844
; Publication No. US20030105041A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
; FILE REFERENCE: ISPH-0617
; CURRENT APPLICATION NUMBER: US/10/001,844
; CURRENT FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-001-844-26

Query Match      1.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      461 GGAAGAGCTCCAGGAAC 478
Db      19 GGAAGATCTCCAGGAAC 2
```

```
RESULT 430
US-09-853-386-145/c
; Sequence 145, Application US/09853386
; Patent No. US20020049151A1
; GENERAL INFORMATION:
; APPLICANT: Murphy, Evelyn
; APPLICANT: Bresnahan, Barry
; APPLICANT: Conneely, Orla
; APPLICANT: Fitzgerald, Oliver
; TITLE OF INVENTION: Therapeutic Approaches to Diseases by Suppression of the NURR
; TITLE OF INVENTION: Subfamily of Nuclear Transcription Factors
; FILE REFERENCE: P01972US1
; CURRENT APPLICATION NUMBER: US/09/853,386
; CURRENT FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/203645
; PRIOR FILING DATE: 2000-05-12
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 145
; LENGTH: 21
; TYPE: DNA
; ORGANISM: HUMAN
US-09-853-386-145

Query Match      1.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      983 CTCAGCCCTTGGAGTCT 1000
Db      21 CTCAGCCCTTGGATTCT 4

RESULT 431
US-10-287-919-872
; Sequence 872, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 872
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (378794)...(378810)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 10;
US-10-287-919-872

Query Match      1.3%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1077 AACTATTAAAAAAA 1092
Db      1 AACTATTAAAGAAAA 16

RESULT 432
US-10-287-919-1972
; Sequence 1972, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
```

QY 510 GCCAGTTTGGCATTGGG 527  
DB 1 GCAAGTTTGGCTTTGGG 18

RESULT 424  
US-09-870-406A-10  
; Sequence 10, Application US/09870406A  
; Publication No. US20030104379A1  
; GENERAL INFORMATION:  
; APPLICANT: LAGARIAS, JOHN  
; APPLICANT: KOICHI, TAKAYUKI  
; APPLICANT: FRANKENBERG, NICOLE  
; APPLICANT: GAMBETTA, GREGORY  
; APPLICANT: MONTGOMERY, BERONDA  
; TITLE OF INVENTION: HY2 FAMILY OF BILIN REDUCTASES  
; FILE REFERENCE: 407T-907720US  
; CURRENT APPLICATION NUMBER: US/09/870,406A  
; CURRENT FILING DATE: 2002-09-04  
; PRIOR APPLICATION NUMBER: 60/271,758  
; PRIOR FILING DATE: 2001-02-26  
; PRIOR APPLICATION NUMBER: 60/210,286  
; PRIOR FILING DATE: 2000-06-08  
; NUMBER OF SEQ ID NOS: 57  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 10  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Primer  
US-09-870-406A-10

Query Match 1.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 3.6e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 309 CATGGGAAGACTGAGA 326  
DB 2 CATGGGAAGTGTGAAA 19

RESULT 425  
US-09-941-193A-63  
; Sequence 63, Application US/09941193A  
; Publication No. US20030108873A1  
; GENERAL INFORMATION:  
; APPLICANT: BROW, MARY ANN D.  
; APPLICANT: OLIVE, DAVID M.  
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF PATHOGENS  
; NUMBER OF SEQUENCES: 165  
; CORRESPONDENCE ADDRESS:  
; ADDRESSER: MEDLEN & CARROLL  
; STREET: 220 MONTGOMERY STREET, SUITE 2200  
; CITY: SAN FRANCISCO  
; STATE: CALIFORNIA  
; COUNTRY: UNITED STATES OF AMERICA  
; ZIP: 94104  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/941,193A  
; FILING DATE: 28-Aug-2001  
; CLASSIFICATION: <Unknown>  
; ATTORNEY/AGENT INFORMATION:  
; NAME: CARROLL, PETER G.  
; REGISTRATION NUMBER: 32,837

REFERENCE/DOCKET NUMBER: FORS-01756  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 705-8410  
TELEFAX: (415) 397-8338  
INFORMATION FOR SEQ ID NO: 63:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
SEQUENCE DESCRIPTION: SEQ ID NO: 63:  
US-09-941-193A-63

Query Match 1.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 3.6e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 510 GCCAGTTTGGCATTGGG 527  
DB 1 GCAAGTTTGGCTTTGGG 18

RESULT 426  
US-10-167-034-71/c  
; Sequence 71, Application US/10167034  
; Publication No. US20030228690A1  
; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker  
; APPLICANT: Susan M. Freier  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: ANTISENSE MODULATION OF IL-1 RECEPTOR-ASSOCIATED KINASE-1 EXPRESSION  
; FILE REFERENCE: PTS-0003  
; CURRENT APPLICATION NUMBER: US/10/167,034  
; CURRENT FILING DATE: 2002-06-10  
; NUMBER OF SEQ ID NOS: 142  
; SEQ ID NO 71  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-167-034-71

Query Match 1.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 3.6e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 649 AACCGAGTGTCTCATGC 666  
DB 20 AACCGAGTGTCTCTTGC 3

RESULT 427  
US-10-167-034-135  
; Sequence 135, Application US/10167034  
; Publication No. US20030228690A1  
; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker  
; APPLICANT: Susan M. Freier  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: ANTISENSE MODULATION OF IL-1 RECEPTOR-ASSOCIATED KINASE-1 EXPRESSION  
; FILE REFERENCE: PTS-0003  
; CURRENT APPLICATION NUMBER: US/10/167,034  
; CURRENT FILING DATE: 2002-06-10  
; NUMBER OF SEQ ID NOS: 142  
; SEQ ID NO 135  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: H. sapiens  
; FEATURE:  
US-10-167-034-135

```

1083 TAAAAAAAAAAAAAAAAA 1100
1 UAAAAAAAAACAAACAAA 18

RESULT 421
US-09-416-384A-17/c
; Sequence 17, Application US/09416384A
; Patent No. US20020081584A1
; GENERAL INFORMATION:
; APPLICANT: BLUMENFELD, Marta
; APPLICANT: BOUGUELERET, Lydie
; APPLICANT: CHUMAKOV, Ilya
; APPLICANT: COHEN, Daniel
; APPLICANT: ESSILOUX, Laurent
; TITLE OF INVENTION: Genes, proteins and biallelic markers related to central...
; FILE REFERENCE: GENSET.045AUS
; CURRENT FILING DATE: 1999-10-12
; CURRENT APPLICATION NUMBER: US/09/416,384A
; PRIOR APPLICATION NUMBER: 60/106,457
; PRIOR FILING DATE: 1999-10-30
; PRIOR APPLICATION NUMBER: 60/103,955
; PRIOR FILING DATE: 1998-10-12
; PRIOR APPLICATION NUMBER: 60/132,277
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 71
; SOFTWARE: Patenc.pm
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide SGipolyA
US-09-416-384A-17

Query Match 1.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 3.6e-02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1079 CTATTAAAAAAAAAAAA 1096
DB 18 CTGTCACAAAAAAAAAAAA 1

RESULT 422
US-09-860-761-1
; Sequence 1, Application US/09860761
; Publication No. US20030027775A1
; GENERAL INFORMATION:
; APPLICANT: Wallace, R. Bruce
; TITLE OF INVENTION: Method of Detecting and Discriminating Between Nucleic Acid Sequences
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: City of Hope
; STREET: 1500 East Duarte Road
; CITY: Duarte
; STATE: California
; COUNTRY: United States of America
; ZIP: 91010-0269
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3M High Density 3 1/2" diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS (R) Version 3.30
; SOFTWARE: Microsoft (R)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/860,761
; FILING DATE: 21-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/193,039B
; FILING DATE: 04 February 1994

ATTORNEY/AGENT INFORMATION:
NAME: E. Anthony Figg
REGISTRATION NUMBER: 27,195
REFERENCE/DOCKET NUMBER: 2124-108
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 783-6040
TELEFAX: (202) 783-6031
TELEX: No. US20030027775A1e
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleotide
STRANDEDNESS: Single
TOPOLOGY: Linear
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-860-761-1

Query Match 1.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 3.6e-02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 510 GCAGTTGGCATTGGG 527
DB 1 GCAGTTGGCATTGGG 18

RESULT 423
US-09-940-925A-63
; Sequence 63, Application US/09940925A
; Publication No. US20030054338A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; LYAMICHEV, VICTOR I.
; OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/940,925A
; FILING DATE: 10-Jun-2002
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 63:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 63:
US-09-940-925A-63

Query Match 1.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 3.6e-02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

US-09-940-925A-63

```

```

/ APPLICANT: Ji, Lin
/ APPLICANT: Kaiser, Michael
/ APPLICANT: Kwiatkowski, Jr., Robert W.
/ APPLICANT: Lukowiak, Andrew A.
/ APPLICANT: Lyamichev, Victor
/ APPLICANT: Lymaicheva, Natalie E.
/ APPLICANT: Ma, WuPo
/ APPLICANT: Neri, Bruce P.
/ APPLICANT: Olson, Sarah M.
/ APPLICANT: Olson-Munoz, Marilyn C.
/ APPLICANT: Schaefer, James J.
/ APPLICANT: Skrzypczynski, Zbigniew
/ APPLICANT: Takova, Tsetaka Y.
/ APPLICANT: Thompson, Lisa C.
/ APPLICANT: Vedvik, Kevin L.
/ TITLE OF INVENTION: RNA Detection Assays
/ FILE REFERENCE: FORS-06656
/ CURRENT APPLICATION NUMBER: US/10/084,839
/ CURRENT FILING DATE: 2002-02-26
/ NUMBER OF SEQ ID NOS: 4004
/ SOFTWARE: Patent In version 3.1
/ SEQ ID NO 2510
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-10-084-839-2510

```

```
Query Match      1.4%; Score 15; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

QY 778 AGAAGTGTGAGCGCA 792  
|||  
Db 18 AGAAGTGTGAGCGCA 4

```

RESULT 418
US-09-956-636A-13/c
; Sequence 13, Application US/09956636A
; Patent No. US20020107197A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Yan
; APPLICANT: Zhu, Kui
; TITLE OF INVENTION: Ligands For G Protein Coupled Receptors And Methods Of Using Them
; FILE REFERENCE: CCF0004
; CURRENT APPLICATION NUMBER: US/09/956,636A
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: 60/234,249
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; US-09-956-636A-13

```

Query Match 1.3%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 3.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 ACGAGCCACAGCCAGCTA 20  
Db 19 ATGAGCCACAGCCAGGTA 2

RESULT 419  
US-10-251-117-247/c  
; Sequence 247, Application US/10251117

```

; Publication NO. US20030170891A1
;
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor F
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor F
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor F
; FILE REFERENCE: 900/042 (MEHB02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 247
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siRNA sense
; US-10-251-117-247

```

Query Match	1.3;	Score	14.8;	DB 1;	Length	19;	
Best Local Similarity	88.9%;	Pred.	0.3.4e+02;				
Matches	16;	Conservative	0;	Mismatches	2;	Indels	0;
					Gaps	0;	

```

Qy      1083 TAAAAAAAAAAAAAAAAAAAAA 1100
          |||||
Db      19 TAAAAAAAACAAAACAAA 2

```

RESULT 420  
US-10-251-117-496  
; Sequence 496, Application US/10251117  
; Publication No. US20030170891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor  
; TITLE OF INVENTION: RNA Interference Using Short Interfering RNA  
; FILE REFERENCE: 900/042 (MBHB02-468-A)  
; CURRENT APPLICATION NUMBER: US/10/251.117  
; CURRENT FILING DATE: 2003-02-24  
; PRIOR APPLICATION NUMBER: US 60/393,924  
; PRIOR FILING DATE: 2002-07-03  
; PRIOR APPLICATION NUMBER: US 10/163,552  
; PRIOR FILING DATE: 2002-06-06  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 09/916,466  
; PRIOR FILING DATE: 2001-07-25  
; PRIOR APPLICATION NUMBER: US 60/296,249  
; PRIOR FILING DATE: 2001-06-06  
; NUMBER OF SEQ ID NOS: 1213  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 496  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
US-10-251-117-496

Query Match 1.3%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 83.3%; Pred. No. 3.4e+02;  
Matches 15; Conservative 1; Mismatches 2; Indels

```
; PRIOR FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: 60/228728
; PRIOR FILING DATE: 2000-08-29
; PRIOR APPLICATION NUMBER: 60/280350
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-374-686-2

Query Match
Best Local Similarity 1.4%; Score 15; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
Db 1 AAAAAAAAAAAAAA 15

RESULT 414
US-10-164-915-1
; Sequence 1, Application US/10164915
; Publication No. US20030148391A1
; GENERAL INFORMATION:
; APPLICANT: Salafsky, Joshua S.
; TITLE OF INVENTION: Method Using a Surface-Selective No. US20030148391A1linear Optical
; FILE REFERENCE: 11100-035-999
; CURRENT APPLICATION NUMBER: US/10/164,915
; CURRENT FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: 60/253,862
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: 60/260,249
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: 60/265,775
; PRIOR FILING DATE: 2001-02-01
; PRIOR APPLICATION NUMBER: 60/278,941
; PRIOR FILING DATE: 2001-01-27
; NUMBER OF SEQ ID NOS: 6
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide structure for
US-10-164-915-1

Query Match
Best Local Similarity 1.4%; Score 15; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
Db 1 AAAAAAAAAAAAAA 15

RESULT 415
US-09-864-636A-2510/c
; Sequence 2510, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; FILE REFERENCE: FORS-04944
```

```
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2510
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-2510

Query Match
Best Local Similarity 1.4%; Score 15; DB 1; Length 21;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 778 AGAAGTGTGAGCGCA 792
Db 18 AGAAGTGTGAGCGCA 4

RESULT 416
US-10-374-686-3
; Sequence 3, Application US/10374686
; Publication No. US20040002089A1
; GENERAL INFORMATION:
; APPLICANT: Dubertret, Benoit
; APPLICANT: Calame, Michel
; APPLICANT: Libhaber, Albert
; TITLE OF INVENTION: Methods Employing Fluorescent Quenching
; FILE REFERENCE: 600-1-260PCTUS
; CURRENT APPLICATION NUMBER: US/10/374,686
; CURRENT FILING DATE: 2003-02-26
; PRIOR APPLICATION NUMBER: PCT/US01/41941
; PRIOR FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: 60/228728
; PRIOR FILING DATE: 2000-08-29
; PRIOR APPLICATION NUMBER: 60/280350
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-374-686-3

Query Match
Best Local Similarity 1.4%; Score 15; DB 1; Length 21;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
Db 2 AAAAAAAAAAAAAA 16

RESULT 417
US-10-084-839-2510/c
; Sequence 2510, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
```

```
; APPLICATION NUMBER: US/10/146,474
; FILING DATE: 14-MAY-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/937,067
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Lehnhardt, Susan K.
; REGISTRATION NUMBER: 33,943
; REFERENCE/DOCKET NUMBER: 23647-20018.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 813-5600
; TELEFAX: (650) 494-0792
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 17:
US-10-146-474-17

Query Match 1.4%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
DB 15 AAAAAAAAAAAAAA 1

RESULT 410
US-10-156-306-525/C
; Sequence 525, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-gamma and PKR
; FILE REFERENCE: MBH01-564-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 525
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-525

Query Match 1.4%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1082 TTAATAAAAAAAAAAA 1096
DB 15 TTAATAAAAAAAAAAA 1

RESULT 411
US-09-904-744-1
; Sequence 1, Application US/09904744
; Patent No. US20020150905A1
; GENERAL INFORMATION:
; APPLICANT: Barbera-Guillem, Emilio
; APPLICANT: Nelson, M. Bud
; APPLICANT: Castro, Stephanie
; TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form
; TITLE OF INVENTION: dendrimers in a signal amplification system
; FILE REFERENCE: B-73
; CURRENT APPLICATION NUMBER: US/09/904,744
; CURRENT FILING DATE: 2001-07-13
```

```
; PRIOR APPLICATION NUMBER: 09/437076
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/107828
; PRIOR FILING DATE: 1998-11-10
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
US-09-904-744-1

Query Match 1.4%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
DB 4 AAAAAAAAAAAAAA 18

RESULT 412
US-09-904-744-2/C
; Sequence 2, Application US/09904744
; Patent No. US20020150905A1
; GENERAL INFORMATION:
; APPLICANT: Barbera-Guillem, Emilio
; APPLICANT: Nelson, M. Bud
; APPLICANT: Castro, Stephanie
; TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form
; TITLE OF INVENTION: dendrimers in a signal amplification system
; FILE REFERENCE: B-73
; CURRENT APPLICATION NUMBER: US/09/904,744
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: 09/437076
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/107828
; PRIOR FILING DATE: 1998-11-10
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
US-09-904-744-2

Query Match 1.4%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
DB 18 AAAAAAAAAAAAAA 4

RESULT 413
US-10-374-686-2
; Sequence 2, Application US/10374686
; Publication No. US20040002089A1
; GENERAL INFORMATION:
; APPLICANT: Dubertret, Benoit
; APPLICANT: Calame, Michel
; APPLICANT: Libhaber, Albert
; TITLE OF INVENTION: Methods Employing Fluorescent Quenching
; TITLE OF INVENTION: by Metal Surfaces
; FILE REFERENCE: 600-1-260FCTUS
; CURRENT APPLICATION NUMBER: US/10/374,686
; CURRENT FILING DATE: 2003-02-26
; PRIOR APPLICATION NUMBER: PCT/US01/41941
```

Query Match 1.4%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
| | | | | | | | | | | | | | | | | | | | |  
DB 16 AAAAAAAAAAAAAA 2

## RESULT 406

US-10-220-373-9/c  
; Sequence 9, Application US/10220373  
; Publication No. US20030180743A1  
; GENERAL INFORMATION:  
; APPLICANT: NAGASU, Tadashi  
; APPLICANT: OSHIDA, Takahiro  
; APPLICANT: ORAYASHI, Izumi  
; APPLICANT: MATSUI, Keiko  
; APPLICANT: SAITO, Hirohisa  
; TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASE  
; FILE REFERENCE: SHZ-010US  
; CURRENT APPLICATION NUMBER: US/10/220,373  
; CURRENT FILING DATE: 2002-08-30  
; PRIOR APPLICATION NUMBER: JP 2000-61832  
; PRIOR FILING DATE: 2000-03-02  
; NUMBER OF SEQ ID NOS: 31  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 9  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Artificially  
; OTHER INFORMATION: Synthesized Primer Sequence  
US-10-220-373-9

Query Match 1.4%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
| | | | | | | | | | | | | | | | | | | | |  
DB 16 AAAAAAAAAAAAAA 2

## RESULT 407

US-09-730-559B-108/c  
; Sequence 108, Application US/09730559B  
; Publication No. US20030207828A1  
; GENERAL INFORMATION:  
; APPLICANT: ISHIWATA, TETSUYOSHI  
; APPLICANT: KAWABATA, AYAKO  
; APPLICANT: NAKAGAWA, SATOSHI  
; APPLICANT: NISHI, TAISUNARI  
; APPLICANT: KUGA, TETSURO  
; APPLICANT: SAWADA, SHIGEMASA  
; APPLICANT: TAKEI, MASAMI  
; APPLICANT: SHIBATA, KENJI  
; APPLICANT: FURUYA, AKIKO  
; TITLE OF INVENTION: IGA NEPHROPATHY-ASSOCIATED GENE  
; FILE REFERENCE: 766.21 CIP  
; CURRENT APPLICATION NUMBER: US/09/730,559B  
; CURRENT FILING DATE: 2000-12-07  
; NUMBER OF SEQ ID NOS: 121  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 108  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA  
US-09-730-559B-108/c

## US-09-730-559B-108

Query Match 1.4%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
| | | | | | | | | | | | | | | | | | | | |  
DB 16 AAAAAAAAAAAAAA 2

## RESULT 408

US-09-730-559B-109/c  
; Sequence 109, Application US/09730559B  
; Publication No. US20030207828A1  
; GENERAL INFORMATION:  
; APPLICANT: ISHIWATA, TETSUYOSHI  
; APPLICANT: KAWABATA, AYAKO  
; APPLICANT: NAKAGAWA, SATOSHI  
; APPLICANT: NISHI, TAISUNARI  
; APPLICANT: KUGA, TETSURO  
; APPLICANT: SAWADA, SHIGEMASA  
; APPLICANT: TAKEI, MASAMI  
; APPLICANT: SHIBATA, KENJI  
; APPLICANT: FURUYA, AKIKO  
; TITLE OF INVENTION: IGA NEPHROPATHY-ASSOCIATED GENE  
; FILE REFERENCE: 766.21 CIP  
; CURRENT APPLICATION NUMBER: US/09/730,559B  
; CURRENT FILING DATE: 2000-12-07  
; NUMBER OF SEQ ID NOS: 121  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 109  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA  
US-09-730-559B-109

Query Match 1.4%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
| | | | | | | | | | | | | | | | | | | | |  
DB 16 AAAAAAAAAAAAAA 2

## RESULT 409

US-10-146-474-17/c  
; Sequence 17, Application US/10146474  
; Publication No. US20030023061A1  
; GENERAL INFORMATION:  
; APPLICANT: Umansky, Samuel  
; TITLE OF INVENTION: A FAMILY OF GENES ENCODING  
; APOPTOSIS-RELATED PEPTIDES; PEPTIDES ENCODED THEREBY AND  
; METHODS OF USE THEREOF  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: MORRISON & FORSTER  
; STREET: 755 Page Mill Road  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94304-1018  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:

```

APPLICATION NUMBER: JP-8-325763
FILING DATE: 05-DEC-1996
ATTORNEY/AGENT INFORMATION:
NAME: Perry, Lawrence S.
REGISTRATION NUMBER: 31865
REFERENCE/DOCKET NUMBER: 766.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 218-2100
TELEFAX: (212) 218-2200
INFORMATION FOR SEQ ID NO: 106:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid, synthetic DNA
US-09-090-672B-106

Query Match      1.4%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
DB 16 AAAAAAAAAAAAAA 2

RESULT 403
US-09-090-672B-107/c
Sequence 107, Application US/09090672B
Patent No. US20020068707A1
GENERAL INFORMATION:
APPLICANT: Ishiwata, Tetsuyoshi; Sakurada, Mikiko; Nishimura,
APPLICANT: Ayako; Nakagawa, Satoshi; Nishi, Tatsunari; Kuga, Tetsuro; Sawada,
APPLICANT: Shigemasa; Takei, Masami
TITLE OF INVENTION: IGA Nephropathy-Related Genes
NUMBER OF SEQUENCES: 111
CORRESPONDENCE ADDRESS:
ADDRESS: Fitzpatrick, Cella, Harper & Scinto
STREET: 30 Rockefeller Plaza
CITY: New York
STATE: New York
ZIP: 10112-3801
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: Compaq PC
OPERATING SYSTEM: Windows 95
SOFTWARE: Wordperfect 8.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/090,672B
FILING DATE: 04-JUNE-1998
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER: PCT/JP97/04468
FILING DATE: 05-DEC-1997
APPLICATION NUMBER: JP-8-325763
FILING DATE: 05-DEC-1996
ATTORNEY/AGENT INFORMATION:
NAME: Perry, Lawrence S.
REGISTRATION NUMBER: 31865
REFERENCE/DOCKET NUMBER: 766.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 218-2100
TELEFAX: (212) 218-2200
INFORMATION FOR SEQ ID NO: 107:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid, synthetic DNA
US-09-090-672B-107

```

```

Query Match      1.4%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
DB 16 AAAAAAAAAAAAAA 2

RESULT 404
US-09-788-338-3/c
Sequence 3, Application US/09788338
Patent No. US20020102561A1
GENERAL INFORMATION:
APPLICANT: MURAMATSU, TAKAMICHI
APPLICANT: FUJITA, TAKESHI
APPLICANT: KIYAMA, MASAHARU
APPLICANT: IRIE, TAKASHI
TITLE OF INVENTION: PREPARATION METHOD OF NUCLEIC ACID SAMPLE FOR RARE
TITLE OF INVENTION: EXPRESSED GENES AND ANALYZING METHOD USING THE PREPARED
FILE REFERENCE: NIT-129-02
CURRENT APPLICATION NUMBER: US/09/788,338
CURRENT FILING DATE: 2001-02-21
PRIOR APPLICATION NUMBER: 09/313,637
PRIOR FILING DATE: 1999-05-18
PRIOR APPLICATION NUMBER: JP 10-153651
PRIOR FILING DATE: 1998-05-20
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 3
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-788-338-3

Query Match      1.4%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
DB 16 AAAAAAAAAAAAAA 2

RESULT 405
US-10-220-373-8/c
Sequence 8, Application US/10220373
Publication No. US20030180743A1
GENERAL INFORMATION:
APPLICANT: NAGASU, Takeshi
APPLICANT: OSHIDA, Tadahiro
APPLICANT: OYAYASHI, Izumi
APPLICANT: MATSUL, Keiko
APPLICANT: SAITO, Hirohisa
TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASE
FILE REFERENCE: SHZ-010US
CURRENT APPLICATION NUMBER: US/10/220,373
CURRENT FILING DATE: 2002-08-30
PRIOR APPLICATION NUMBER: JP 2000-61832
PRIOR FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 31
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 8
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:Artificially
Synthesized Primer Sequence
US-10-220-373-8

```

```

RESULT 399
US-10-164-915-2
; Sequence 2, Application US/10164915
; Publication No. US20030148391A1
; GENERAL INFORMATION:
; APPLICANT: Salafsky, Joshua S.
; TITLE OF INVENTION: Method Using a Surface-Selective No. US20030148391A1linear Optical
; TITLE OF INVENTION: for Detection of Interactions Involving a Conformational Change
; FILE REFERENCE: 1100-035-999
; CURRENT APPLICATION NUMBER: US/10/164,915
; CURRENT FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: 60/253,862
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: 60/260,249
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: 60/255,775
; PRIOR FILING DATE: 2001-02-01
; PRIOR APPLICATION NUMBER: 60/278,941
; PRIOR FILING DATE: 2001-01-27
; NUMBER OF SEQ ID NOS: 6
; SEQ ID NO 2
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide structure for
; OTHER INFORMATION: molecular beacon
; US-10-164-915-2

```

```
Query Match          1.4%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

QY 1084 AAAAAAAAAAAAAA 1098  
Db 2 AAAAAAAAAAAAAA 16

```

RESULT 400
US-10-227-001-20/c
; Sequence 20, Application US/10227001
; Publication No. US20030113765A1
; GENERAL INFORMATION:
; APPLICANT: Dempcy, Robert O.
; APPLICANT: Afonina, Irina Aleksandrovna
; APPLICANT: Vermeulen, Nicolaas M.J.
; APPLICANT: Epoch Biosciences, Inc.
; TITLE OF INVENTION: Hybridization-Triggered Fluorescent
; FILE OF INVENTION: Detection of Nucleic Acids
; FILE REFERENCE: 17682A-004210US
; CURRENT APPLICATION NUMBER: US/10/227,001
; CURRENT FILING DATE: 2002-08-21
; PRIOR APPLICATION NUMBER: US 09/428,236
; PRIOR FILING DATE: 1999-10-26
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 20
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: polydT-MGB-
; OTHER INFORMATION: (2-dimethylaminonaphthalene-6-sulfonamide)
; OTHER INFORMATION: conjugate
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: {1}
; OTHER INFORMATION: n = thymine modified by MGB-
; OTHER INFORMATION: (2-dimethylaminonaphthalene-6-sulfonamide)
US-10-227-001-20

```

Query Match 1.4%; Score 15; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 2.6e+02;

	Matches	15;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0;
Qy	1084	AAAAAAAAAAAAAAA	1098							
Db	16	AAAAAAAAAAAAAAA	2							

RESULT 401  
US-09-788-362-3/c  
; Sequence 3, Application US/09788362  
; Patent No. US20020009731A1  
; GENERAL INFORMATION:  
; APPLICANT: Muramatsu, Takamichi  
; APPLICANT: Fujita, Takeshi  
; APPLICANT: Kiyama, Masaharu  
; APPLICANT: Irie, Takashi  
; TITLE OF INVENTION: PREPARATION METHOD OF NUCLEIC ACID SAMPLE FOR RARE  
; TITLE OF INVENTION: EXPRESSED GENES AND ANALYZING METHOD USING THE PREPARED  
; TITLE OF INVENTION: NUCLEIC ACID SAMPLES THEREBY

```

FILE REFERENCE: NII-129-03
CURRENT APPLICATION NUMBER: US/09/788,362
CURRENT FILING DATE: 2001-02-21
PRIORITY FILING DATE: 2001-02-21
PRIORITY APPLICATION NUMBER: 09/313,637
PRIORITY FILING DATE: 1999-05-18
PRIORITY APPLICATION NUMBER: JP 10-153651
PRIORITY FILING DATE: 1998-05-20
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 3
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence
US-09-788-362-3

```

Query Match 1.4%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
Matches 15: Conservative 0; Mismatches 0; Indels

Qy 1084 AAAAAAAAAAAAAAAAAA 1098  
Db 16 AAAAAAAAAAAAAAAAAA 2

RESULT 402  
US-09-090-672B-106/c  
US-09-090-672B, Application US/09090672B  
Sequence 106, Application US/09090672B  
Patent No. US20020068707A1  
GENERAL INFORMATION:  
APPLICANT: Ishiwata, Tetsu-yoshi; Sakurada, Mikiko; Nishimura,  
APPLICANT: Ayukawa, Nakagawa, Satoshi; Nishi, Tatsunari; Kuga, Tetsuro; Sawada,  
APPLICANT: Shigenaka, Takei, Masami  
TITLE OF INVENTION: Iga Nephropathy-Related Genes  
NUMBER OF SEQUENCES: 111  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fitzpatrick, Cella, Harper & Scinto  
STREET: 30 Rockefeller Plaza  
CITY: New York  
STATE: New York  
ZIP: 10112-3601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 MB storage  
COMPUTER: Compaq PC  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Wordperfect 8.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/090,672B  
FILING DATE: 04-JUNE-1998  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/JP97/04468  
FILING DATE: 05-DEC-1997

```
Query Match      1.4%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
```

```

QY      1084 AAAAAAAAAAAAAAAAAA 1098
        |||||
Db      15 AAAAAAAAAAAAAAAAAA 1

```

RESULT 397

```

US-09-739-928-7/C
; Sequence 7, Application US/09739928
; Patent No. US20020052482A1
; GENERAL INFORMATION:
; APPLICANT: Kutyavvin, Igor V.
; Lukhtanov, Eugeny A.
; Gampier, Howard B.
; Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; Groove Binder Conjugates
;

```

US-09-739-928-7

Query Match	1.4%	Scores 15;	DB 1;	Length 16;
Best Local Similarity	100.0%;			
Matches 15;	Conservative	0;	Mismatches 0;	Indels 0;
Gaps 0;				

RESULT 398

```

US-C9-739-928-8/c
; Sequence 8, Application US/097399928
; Patent No. US20020052482A1
; GENERAL INFORMATION:
; APPLICANT: Kutyavlin, Igor V.
;               Lukhtanov, Eugeny A.
;               Gampier, Howard B.
;               Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
;                       Groove Binder Conjugates
;

```

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45  
46  
47  
48  
49  
50  
51  
52  
53  
54  
55  
56  
57  
58  
59  
60  
61  
62  
63  
64  
65  
66  
67  
68  
69  
70  
71  
72  
73  
74  
75  
76  
77  
78  
79  
80  
81  
82  
83  
84  
85  
86  
87  
88  
89  
90  
91  
92  
93  
94  
95  
96  
97  
98  
99  
100  
101  
102  
103  
104  
105  
106  
107  
108  
109  
110  
111  
112  
113  
114  
115  
116  
117  
118  
119  
120  
121  
122  
123  
124  
125  
126  
127  
128  
129  
130  
131  
132  
133  
134  
135  
136  
137  
138  
139  
140  
141  
142  
143  
144  
145  
146  
147  
148  
149  
150  
151  
152  
153  
154  
155  
156  
157  
158  
159  
160  
161  
162  
163  
164  
165  
166  
167  
168  
169  
170  
171  
172  
173  
174  
175  
176  
177  
178  
179  
180  
181  
182  
183  
184  
185  
186  
187  
188  
189  
190  
191  
192  
193  
194  
195  
196  
197  
198  
199  
200  
201  
202  
203  
204  
205  
206  
207  
208  
209  
210  
211  
212  
213  
214  
215  
216  
217  
218  
219  
220  
221  
222  
223  
224  
225  
226  
227  
228  
229  
230  
231  
232  
233  
234  
235  
236  
237  
238  
239  
240  
241  
242  
243  
244  
245  
246  
247  
248  
249  
250  
251  
252  
253  
254  
255  
256  
257  
258  
259  
260  
261  
262  
263  
264  
265  
266  
267  
268  
269  
270  
271  
272  
273  
274  
275  
276  
277  
278  
279  
280  
281  
282  
283  
284  
285  
286  
287  
288  
289  
290  
291  
292  
293  
294  
295  
296  
297  
298  
299  
300  
301  
302  
303  
304  
305  
306  
307  
308  
309  
310  
311  
312  
313  
314  
315  
316  
317  
318  
319  
320  
321  
322  
323  
324  
325  
326  
327  
328  
329  
330  
331  
332  
333  
334  
335  
336  
337  
338  
339  
340  
341  
342  
343  
344  
345  
346  
347  
348  
349  
350  
351  
352  
353  
354  
355  
356  
357  
358  
359  
360  
361  
362  
363  
364  
365  
366  
367  
368  
369  
370  
371  
372  
373  
374  
375  
376  
377  
378  
379  
380  
381  
382  
383  
384  
385  
386  
387  
388  
389  
390  
391  
392  
393  
394  
395  
396  
397  
398  
399  
400  
401  
402  
403  
404  
405  
406  
407  
408  
409  
410  
411  
412  
413  
414  
415  
416  
417  
418  
419  
420  
421  
422  
423  
424  
425  
426  
427  
428  
429  
430  
431  
432  
433  
434  
435  
436  
437  
438  
439  
440  
441  
442  
443  
444  
445  
446  
447  
448  
449  
450  
451  
452  
453  
454  
455  
456  
457  
458  
459  
460  
461  
462  
463  
464  
465  
466  
467  
468  
469  
470  
471  
472  
473  
474  
475  
476  
477  
478  
479  
480  
481  
482  
483  
484  
485  
486  
487  
488  
489  
490  
491  
492  
493  
494  
495  
496  
497  
498  
499  
500  
501  
502  
503  
504  
505  
506  
507  
508  
509  
510  
511  
512  
513  
514  
515  
516  
517  
518  
519  
520  
521  
522  
523  
524  
525  
526  
527  
528  
529  
530  
531  
532  
533  
534  
535  
536  
537  
538  
539  
540  
541  
542  
543  
544  
545  
546  
547  
548  
549  
550  
551  
552  
553  
554  
555  
556  
557  
558  
559  
560  
561  
562  
563  
564  
565  
566  
567  
568  
569  
570  
571  
572  
573  
574  
575  
576  
577  
578  
579  
580  
581  
582  
583  
584  
585  
586  
587  
588  
589  
590  
591  
592  
593  
594  
595  
596  
597  
598  
599  
600  
601  
602  
603  
604  
605  
606  
607  
608  
609  
610  
611  
612  
613  
614  
615  
616  
617  
618  
619  
620  
621  
622  
623  
624  
625  
626  
627  
628  
629  
630  
631  
632  
633  
634  
635  
636  
637  
638  
639  
640  
641  
642  
643  
644  
645  
646  
647  
648  
649  
650  
651  
652  
653  
654  
655  
656  
657  
658  
659  
660  
661  
662  
663  
664  
665  
666  
667  
668  
669  
670  
671  
672  
673  
674  
675  
676  
677  
678  
679  
680  
681  
682  
683  
684  
685  
686  
687  
688  
689  
690  
691  
692  
693  
694  
695  
696  
697  
698  
699  
700  
701  
702  
703  
704  
705  
706  
707  
708  
709  
710  
711  
712  
713  
714  
715  
716  
717  
718  
719  
720  
721  
722  
723  
724  
725  
726  
727  
728  
729  
730  
731  
732  
733  
734  
735  
736  
737  
738  
739  
740  
741  
742  
743  
744  
745  
746  
747  
748  
749  
750  
751  
752  
753  
754  
755  
756  
757  
758  
759  
760  
761  
762  
763  
764  
765  
766  
767  
768  
769  
770  
771  
772  
773  
774  
775  
776  
777  
778  
779  
780  
781  
782  
783  
784  
785  
786  
787  
788  
789  
790  
791  
792  
793  
794  
795  
796  
797  
798  
799  
800  
801  
802  
803  
804  
805  
806  
807  
808  
809  
810  
811  
812  
813  
814  
815  
816  
817  
818  
819  
820  
821  
822  
823  
824  
825  
826  
827  
828  
829  
830  
831  
832  
833  
834  
835  
836  
837  
838  
839  
840  
84

Query Match 1.4%; Score 15; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels

```

Qy 1084 AAAAAAAAAAAAAA 1098
    |||||
Db 15 AAAAAAAAAAAAAA 1

```

```
;
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod_base= OTHER
; /note= "N = thymidine modified by minor groove binder moiety
; represented by X, where m = one
; 4-amino-N-methylpyrrol-2-carboxylic acid residue"
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-739-928-4
Query Match 1.4%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.6e+02; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
Db 15 AAAAAAAAAAAAAA 1

RESULT 395
US-09-739-928-5/c
; Sequence 5, Application US/09739928
; Patent No. US20020052482A1
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
; Lukhtanov, Eugeny A.
; Gamber, Howard B.
; Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/739,928
; FILING DATE: 11-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-AUG-1998
; APPLICATION NUMBER: US 09/507,345
; FILING DATE: 18-FEB-2000
; ATTORNEY/AGENT INFORMATION:
; NAME: Kezer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-003510US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod_base= OTHER
; /note= "N = thymidine modified by minor groove binder moiety
; represented by X, where m = three
; 4-amino-N-methylpyrrol-2-carboxylic acid residues"
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-739-928-5

;
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod_base= OTHER
; /note= "N = thymidine modified by minor groove binder moiety
; represented by X, where m = two
; 4-amino-N-methylpyrrol-2-carboxylic acid residues"
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-739-928-5
Query Match 1.4%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.6e+02; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
Db 15 AAAAAAAAAAAAAA 1

RESULT 396
US-09-739-928-6/c
; Sequence 6, Application US/09739928
; Patent No. US20020052482A1
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
; Lukhtanov, Eugeny A.
; Gamber, Howard B.
; Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/739,928
; FILING DATE: 11-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-AUG-1998
; APPLICATION NUMBER: US 09/507,345
; FILING DATE: 18-FEB-2000
; ATTORNEY/AGENT INFORMATION:
; NAME: Kezer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-003510US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod_base= OTHER
; /note= "N = thymidine modified by minor groove binder moiety
; represented by X, where m = three
; 4-amino-N-methylpyrrol-2-carboxylic acid residues"
; SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-739-928-6
```

APPLICANT: Dempcy, Robert O.  
APPLICANT: Afonina, Irina Aleksandrovna  
APPLICANT: Vermeulen, Nicolaas M.J.  
APPLICANT: Epoch Biosciences, Inc.  
TITLE OF INVENTION: Hybridization-Triggered Fluorescent  
TITLE OF INVENTION: Detection of Nucleic Acids  
FILE REFERENCE: 17682A-004210US  
CURRENT APPLICATION NUMBER: US/10/227,001  
CURRENT FILING DATE: 2002-08-21  
PRIOR FILING DATE: 1999-10-26  
NUMBER OF SEQ ID NOS: 24  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 23  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: R2 (ODN) of fluorophore-MGB-ODN  
OTHER INFORMATION: conjugate  
US-10-227-001-23

Query Match 1.4%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
DB 15 AAAAAAAAAAAAAA 1

RESULT 393  
US-09-739-928-3/c  
Sequence 3, Application US/09739928  
Patent No. US20020052482A1  
GENERAL INFORMATION:  
APPLICANT: Kutyavin, Igor V.  
Lukhtanov, Eugeny A.  
Gamber, Howard B.  
Meyer Jr., Rich B.  
TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor  
Groove Binder Conjugates  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/739,928  
FILING DATE: 11-May-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/415,370  
FILING DATE: 03-APR-1995  
APPLICATION NUMBER: US 09/141,764  
FILING DATE: 27-AUG-1998  
APPLICATION NUMBER: US 09/507,345  
FILING DATE: 18-FEB-2000  
ATTORNEY/AGENT INFORMATION:  
NAME: Kezer, William B.  
REGISTRATION NUMBER: 37,369  
REFERENCE/DOCKET NUMBER: 17682A-003510US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY: modified\_base  
LOCATION: 16  
OTHER INFORMATION: /mod\_base= OTHER  
/note= "N = thymidine modified by 6-aminohexanoic acid  
(-NH(CH<sub>2</sub>)-6COOH)"  
SEQUENCE DESCRIPTION: SEQ ID NO: 3:  
US-09-739-928-3

Query Match 1.4%; Score 15; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
DB 15 AAAAAAAAAAAAAA 1

RESULT 394  
US-09-739-928-4/c  
Sequence 4, Application US/09739928  
Patent No. US20020052482A1  
GENERAL INFORMATION:  
APPLICANT: Kutyavin, Igor V.  
Lukhtanov, Eugeny A.  
Gamber, Howard B.  
Meyer Jr., Rich B.  
TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor  
Groove Binder Conjugates  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/739,928  
FILING DATE: 11-May-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/415,370  
FILING DATE: 03-APR-1995  
APPLICATION NUMBER: US 09/141,764  
FILING DATE: 27-AUG-1998  
APPLICATION NUMBER: US 09/507,345  
FILING DATE: 18-FEB-2000  
ATTORNEY/AGENT INFORMATION:  
NAME: Kezer, William B.  
REGISTRATION NUMBER: 37,369  
REFERENCE/DOCKET NUMBER: 17682A-003510US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

```
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-10-208-357-21

Query Match          1.4%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
   |||||
Db 1 AAAAAAAAAAAAAA 15

RESULT 389
US-10-176-055-9
; Sequence 9, Application US/10176055
; Publication No. US20030013109A1
; GENERAL INFORMATION:
; APPLICANT: Evigent Technologies
; TITLE OF INVENTION: Hairpin Sensors Using Quenchable Fluorescing Agents
; FILE REFERENCE: 11739/26
; CURRENT APPLICATION NUMBER: US/10/176,055
; CURRENT FILING DATE: 2002-06-21
; PRIOR APPLICATION NUMBER: 60/299,460
; PRIOR FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Target sequence
; FEATURE:
; OTHER INFORMATION: Target sequence that is desired to be detected and
; OTHER INFORMATION: that has a nucleotide sequence that is
; OTHER INFORMATION: complementary to the sequence of complementary
; OTHER INFORMATION: probe of hairpin loop assembly
US-10-176-055-9

Query Match          1.4%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
   |||||
Db 1 AAAAAAAAAAAAAA 15

RESULT 390
US-10-202-189-9/c
; Sequence 9, Application US/10202189
; Publication No. US2003002225A1
; GENERAL INFORMATION:
; APPLICANT: Monforte, Joseph A.
; APPLICANT: Becker, Christopher H.
; APPLICANT: Pollart, Daniel J.
; APPLICANT: Shaler, Thomas A.
; TITLE OF INVENTION: Releasable No. US2003002225A1 volatile Mass-Label Molecules
; FILE REFERENCE: 24736-2057D
; CURRENT APPLICATION NUMBER: US/10/202,189
; CURRENT FILING DATE: 2002-07-22
; PRIOR APPLICATION NUMBER:
; PRIOR APPLICATION NUMBER: US 08/988,024
; PRIOR FILING DATE: 1997-12-10
; PRIOR APPLICATION NUMBER: US 60/033,037
; PRIOR FILING DATE: 1996-12-10
```

```
; PRIOR APPLICATION NUMBER: US 60/046,719
; PRIOR FILING DATE: 1997-05-16
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-10-202-189-9

Query Match          1.4%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
   |||||
Db 15 AAAAAAAAAAAAAA 1

RESULT 391
US-10-072-975-10/c
; Sequence 10, Application US/10072975
; Publication No. US20030059789A1
; GENERAL INFORMATION:
; APPLICANT: Active Motif
; APPLICANT: Efimov, Vladimir
; APPLICANT: Fernandez, Joseph
; APPLICANT: Archdeacon, Dorothy
; APPLICANT: Archdeacon, John
; APPLICANT: Chakmakicheau, Oksana
; APPLICANT: Buryakova, Alla
; APPLICANT: Choob, Mikhail
; APPLICANT: Hondorp, Kyle
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF U
; FILE REFERENCE: AM102.P.1.1US
; CURRENT APPLICATION NUMBER: US/10/072,975
; CURRENT FILING DATE: 2002-02-09
; PRIOR APPLICATION NUMBER: US 60/189,190
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/250,334
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: 09/805,296
; PRIOR FILING DATE: 2001-03-13
; PRIOR APPLICATION NUMBER: PCT/US01/0811
; PRIOR FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc feature
; OTHER INFORMATION: SyntheticConstruct
US-10-072-975-10

Query Match          1.4%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098
   |||||
Db 15 AAAAAAAAAAAAAA 1

RESULT 392
US-10-227-001-23/c
; Sequence 23, Application US/10227001
; Publication No. US20030113765A1
; GENERAL INFORMATION:
```

; APPLICANT: Feinstein, Elena  
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY  
; TITLE OF INVENTION: EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS  
; FILE REFERENCE: 25717

; CURRENT APPLICATION NUMBER: US/10/384,450

; CURRENT FILING DATE: 2003-03-10

; NUMBER OF SEQ ID NOS: 47

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 5

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial sequence

; FEATURE:

; OTHER INFORMATION: Synthetic oligonucleotide

US-10-384-450-5

Query Match 1.4%; Score 15; DB 1; Length 15;

Best Local Similarity 100.0%; Pred. No. 2.5e+02;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098

Db 15 AAAAAAAAAAAAAA 1

RESULT 385

US-09-793-146-54/c

; Sequence 54, Application US/09793146

; Publication No. US20030203359A1

; GENERAL INFORMATION:

; APPLICANT: UHLMANN, EUGEN

; APPLICANT: BREIPOHL, GERHARD

; TITLE OF INVENTION: POLYAMIDE-OLIGONUCLEOTIDE DERIVATIVES, THEIR

; TITLE OF INVENTION: PREPARATION AND USE

; FILE REFERENCE: 02481.1437-02

; CURRENT APPLICATION NUMBER: US/09/793,146

; CURRENT FILING DATE: 2001-02-27

; PRIOR APPLICATION NUMBER: P 44 08 528.1

; PRIOR FILING DATE: 1994-03-14

; PRIOR APPLICATION NUMBER: 08/402,838

; PRIOR FILING DATE: 1995-03-13

; NUMBER OF SEQ ID NOS: 70

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 54

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Synthetic PNA

US-09-793-146-54

Query Match 1.4%; Score 15; DB 1; Length 15;

Best Local Similarity 100.0%; Pred. No. 2.5e+02;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098

Db 15 AAAAAAAAAAAAAA 1

RESULT 386

US-09-793-146-55/c

; Sequence 55, Application US/09793146

; Publication No. US20030203359A1

; GENERAL INFORMATION:

; APPLICANT: UHLMANN, EUGEN

; APPLICANT: BREIPOHL, GERHARD

; TITLE OF INVENTION: POLYAMIDE-OLIGONUCLEOTIDE DERIVATIVES, THEIR

; TITLE OF INVENTION: PREPARATION AND USE

; FILE REFERENCE: 02481.1437-02

; CURRENT APPLICATION NUMBER: US/09/793,146

; CURRENT FILING DATE: 2001-02-27

; PRIOR APPLICATION NUMBER: P 44 08 528.1

; PRIOR FILING DATE: 1994-03-14

; PRIOR APPLICATION NUMBER: 08/402,838

; NUMBER OF SEQ ID NOS: 70

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 55

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Synthetic PNA

US-09-793-146-55

Query Match 1.4%; Score 15; DB 1; Length 15;

Best Local Similarity 100.0%; Pred. No. 2.5e+02;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098

Db 15 AAAAAAAAAAAAAA 1

RESULT 387

US-10-371-218A-5/c

; Sequence 5, Application US/10371218A

; Publication No. US20030217375A1

; GENERAL INFORMATION:

; APPLICANT: Zcharia, Eyal

; APPLICANT: Vlodavsky, Israel

; APPLICANT: Metzger, Shula

; APPLICANT: Pecker, Iris

; APPLICANT: Ilan, Neta

; APPLICANT: Chajek-Shaul, Tova

; APPLICANT: Goldshmidt, Orit

; TITLE OF INVENTION: TRANSGENIC ANIMALS EXPRESSING HEPARANASE AND USES THEREOF

; FILE REFERENCE: 25783

; CURRENT APPLICATION NUMBER: US/10/371,218A

; CURRENT FILING DATE: 2003-07-01

; NUMBER OF SEQ ID NOS: 51

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 5

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial sequence

; FEATURE:

; OTHER INFORMATION: Single strand DNA oligonucleotide

US-10-371-218A-5

Query Match 1.4%; Score 15; DB 1; Length 15;

Best Local Similarity 100.0%; Pred. No. 2.5e+02;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098

Db 15 AAAAAAAAAAAAAA 1

RESULT 388

US-10-208-357-21

; Sequence 21, Application US/10208357

; Publication No. US20020192687A1

; GENERAL INFORMATION:

; APPLICANT: Kurz, Markus

; APPLICANT: Lohse, Peter

; APPLICANT: Wagner, Richard

; TITLE OF INVENTION: Peptide Acceptor Ligation Methods

; FILE REFERENCE: 50036/031002

; CURRENT APPLICATION NUMBER: US/10/208,357

; CURRENT FILING DATE: 2002-07-30

; PRIOR APPLICATION NUMBER: US/09/619,103

; PRIOR FILING DATE: 2000-07-19

; PRIOR APPLICATION NUMBER: 60/145,834

; PRIOR FILING DATE: 1999-07-27

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1084 AAAAAAAAAAAAAA 1098  
 Db 1 AAAAAAAAAAAAAA 15

RESULT 380  
 US-10-091-231-2/c  
 ; Sequence 2, Application US/10091231  
 ; Publication No. US20030181712A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: NELSON, Jeffrey S.  
 ; TITLE OF INVENTION: REAGENTS FOR OLIGONUCLEOTIDE CLEAVAGE AND DEPROTECTION  
 ; FILE REFERENCE: 4688US  
 ; CURRENT APPLICATION NUMBER: US/10/091,231  
 ; PRIOR FILING DATE: 2002-03-04  
 ; PRIOR APPLICATION NUMBER: US 60/274,309  
 ; PRIOR FILING DATE: 2001-03-08  
 ; NUMBER OF SEQ ID NOS: 6  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 2  
 ; LENGTH: 15  
 ; TYPE: DNA  
 ; ORGANISM: Unknown  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic DNA  
 US-10-091-231-2

Query Match 1.4%; Score 15; DB 1; Length 15;  
 Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
 Db 15 AAAAAAAAAAAAAA 1

RESULT 381  
 US-10-154-890-17/c  
 ; Sequence 17, Application US/10154890  
 ; Publication No. US20030180734A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Buchardt, Ole  
 ; APPLICANT: Egholm, Michael  
 ; APPLICANT: Nielsen, Peter Eigil  
 ; TITLE OF INVENTION: Peptide Nucleic Acids  
 ; FILE REFERENCE: ISIS0540  
 ; CURRENT APPLICATION NUMBER: US/10/154,890  
 ; CURRENT FILING DATE: 2002-05-23  
 ; PRIOR APPLICATION NUMBER: US/08/108,591  
 ; PRIOR FILING DATE: 2001-08-13  
 ; NUMBER OF SEQ ID NOS: 43  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 17  
 ; LENGTH: 15  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: No. US20030180734A1 Sequence  
 US-10-154-890-17

Query Match 1.4%; Score 15; DB 1; Length 15;  
 Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
 Db 15 AAAAAAAAAAAAAA 1

RESULT 382

US-10-154-890-18  
 ; Sequence 18, Application US/10154890  
 ; Publication No. US20030180734A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Buchardt, Ole  
 ; APPLICANT: Egholm, Michael  
 ; APPLICANT: Nielsen, Peter Eigil  
 ; APPLICANT: Berg, Rolf Henrik  
 ; TITLE OF INVENTION: Peptide Nucleic Acids  
 ; FILE REFERENCE: ISIS0540  
 ; CURRENT APPLICATION NUMBER: US/10/154,890  
 ; CURRENT FILING DATE: 2002-05-23  
 ; PRIOR APPLICATION NUMBER: US/08/108,591  
 ; PRIOR FILING DATE: 2001-08-13  
 ; NUMBER OF SEQ ID NOS: 43  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 18  
 ; LENGTH: 15  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: No. US20030180734A1 Sequence  
 US-10-154-890-18

Query Match 1.4%; Score 15; DB 1; Length 15;  
 Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
 Db 1 AAAAAAAAAAAAAA 15

RESULT 383  
 US-10-431-438-5/c  
 ; Sequence 5, Application US/10431438  
 ; Publication No. US20030180788A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Goldschmidt, Orit  
 ; APPLICANT: Pecker, Iris  
 ; APPLICANT: Vlodevsky, Israel  
 ; APPLICANT: Israel, Michal  
 ; TITLE OF INVENTION: AVIAN AND REPTILE DERIVED POLYNUCLEOTIDE ENCODING A POLYPEPTIDE  
 ; TITLE OF INVENTION: HEPARANASE ACTIVITY  
 ; FILE REFERENCE: 26013  
 ; CURRENT APPLICATION NUMBER: US/10/431,438  
 ; CURRENT FILING DATE: 2003-05-08  
 ; NUMBER OF SEQ ID NOS: 16  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 5  
 ; LENGTH: 15  
 ; TYPE: DNA  
 ; ORGANISM: Artificial sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: synthetic polynucleotide  
 US-10-431-438-5

Query Match 1.4%; Score 15; DB 1; Length 15;  
 Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
 Db 15 AAAAAAAAAAAAAA 1

RESULT 384  
 US-10-384-450-5/c  
 ; Sequence 5, Application US/10384450  
 ; Publication No. US20030190737A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Pecker, Iris  
 ; APPLICANT: Vlodevsky, Israel

; PRIOR APPLICATION NUMBER: 10/014,496  
 ; PRIOR FILING DATE: 2001-12-14  
 ; PRIOR APPLICATION NUMBER: PCT/KR01/02133  
 ; PRIOR FILING DATE: 2001-12-08  
 ; NUMBER OF SEQ ID NOS: 125  
 ; SOFTWARE: PatentIn version 3.2  
 ; SEQ ID NO 54  
 ; LENGTH: 15  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: Primer  
 US-10-269-031A-54

Query Match 1.4%; Score 15; DB 1; Length 15;  
 Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
 Db 15 AAAAAAAAAAAAAA 1

RESULT 378  
 US-10-352-704-10/c  
 ; Sequence 10, Application US/10352704  
 ; Publication No. US20030176690A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Chatelain, Francois  
 ; TITLE OF INVENTION: Process for Preparing Polynucleotides on  
 ; a Solid Support and Apparatus Permitting its  
 ; Implementation  
 ; NUMBER OF SEQUENCES: 31  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Jacobson, Price, Holman & Stern  
 ; STREET: 400 Seventh St. N.W.  
 ; CITY: Washington D.C.  
 ; STATE: D.C.  
 ; COUNTRY: U.S.A.  
 ; ZIP: 20004

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/10/352,704  
 FILING DATE: 28-Jan-2003  
 CLASSIFICATION: 536

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US/08/358,556A  
 FILING DATE: 14-DEC-1994  
 APPLICATION NUMBER: FR 9315164  
 FILING DATE: 16-DEC-1993  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Player, William E.  
 REGISTRATION NUMBER: 31,409  
 REFERENCE/DOCKET NUMBER: 10577/P58418  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (202) 638-6666  
 TELEFAX: (202) 393-5350  
 TELEX: RCA 248593 IDEA UR  
 INFORMATION FOR SEQ ID NO: 10:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 FRAGMENT TYPE: N-terminal

Query Match 1.4%; Score 15; DB 1; Length 15;  
 Best Local Similarity 100.0%; Pred. No. 2.5e+02;

; FEATURE:  
 ; NAME/KEY: CDS  
 ; LOCATION: 1..15  
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 10:  
 US-10-352-704-10

Query Match 1.4%; Score 15; DB 1; Length 15;  
 Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
 Db 15 AAAAAAAAAAAAAA 1

RESULT 379  
 US-10-352-704-16  
 ; Sequence 16, Application US/10352704  
 ; Publication No. US20030176690A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Chatelain, Francois  
 ; TITLE OF INVENTION: Process for Preparing Polynucleotides on  
 ; a Solid Support and Apparatus Permitting its  
 ; Implementation  
 ; NUMBER OF SEQUENCES: 31  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Jacobson, Price, Holman & Stern  
 ; STREET: 400 Seventh St. N.W.  
 ; CITY: Washington D.C.  
 ; STATE: D.C.  
 ; COUNTRY: U.S.A.  
 ; ZIP: 20004

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/10/352,704  
 FILING DATE: 28-Jan-2003  
 CLASSIFICATION: 536

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US/08/358,556A  
 FILING DATE: 14-DEC-1994  
 APPLICATION NUMBER: FR 9315164  
 FILING DATE: 16-DEC-1993  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Player, William E.  
 REGISTRATION NUMBER: 31,409  
 REFERENCE/DOCKET NUMBER: 10577/P58418  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (202) 638-6666  
 TELEFAX: (202) 393-5350  
 TELEX: RCA 248593 IDEA UR  
 INFORMATION FOR SEQ ID NO: 16:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 FRAGMENT TYPE: N-terminal

Query Match 1.4%; Score 15; DB 1; Length 15;  
 Best Local Similarity 100.0%; Pred. No. 2.5e+02;

US-10-352-704-16

/ Sequence 5, Application US/10341582  
/ Publication No. US20030161823A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Neta Ilan  
/ APPLICANT: Israel Vlodavsky  
/ APPLICANT: Oron Yacoby-Zeevi  
/ APPLICANT: Iris Becker  
/ TITLE OF INVENTION: THERAPEUTIC AND COSMETIC USES OF HEPARANASES  
/ FILE REFERENCE: 25449  
/ CURRENT APPLICATION NUMBER: US/10/341,582  
/ CURRENT FILING DATE: 2003-01-14  
/ NUMBER OF SEQ ID NOS: 47  
/ SOFTWARE: PatentIn version 3.1  
/ SEQ ID NO 5  
/ LENGTH: 15  
/ TYPE: DNA  
/ ORGANISM: Artificial sequence  
/ FEATURE:  
/ OTHER INFORMATION: Synthetic oligonucleotide  
US-10-341-582-5

Query Match 1.4%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
| | | | | | | | | | | | | | | | | |  
Db 15 AAAAAAAAAAAAAA 1

## RESULT 374

US-10-106-749-1/c  
/ Sequence 1, Application US/10106749  
/ Publication No. US20030165879A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Inscant, Inc.  
/ APPLICANT: Woods, Daniel  
/ APPLICANT: Dimitratos, Spiros  
/ TITLE OF INVENTION: EFFICIENT METHODS FOR ISOLATING FUNCTIONAL G-PROTEIN COUPLED RECEPTORS  
/ TITLE OF INVENTION: AND IDENTIFYING ACTIVE EFFECTORS AND EFFICIENT METHODS TO ISOLATE  
/ FILE REFERENCE: INS-00101.P.1.1  
/ CURRENT APPLICATION NUMBER: US/10/106,749  
/ CURRENT FILING DATE: 2002-03-26  
/ PRIOR APPLICATION NUMBER: 60/279,168  
/ PRIOR FILING DATE: 2001-03-27  
/ PRIOR APPLICATION NUMBER: 60/353,392  
/ PRIOR FILING DATE: 2002-01-31  
/ NUMBER OF SEQ ID NOS: 6  
/ SOFTWARE: PatentIn version 3.1  
/ SEQ ID NO 1  
/ LENGTH: 15  
/ TYPE: DNA  
/ ORGANISM: Artificial sequence  
/ FEATURE:  
/ OTHER INFORMATION: Synthetic Construct  
US-10-106-749-1

Query Match 1.4%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
| | | | | | | | | | | | | | | | | |  
Db 15 AAAAAAAAAAAAAA 1

## RESULT 375

US-10-106-749-5/c  
/ Sequence 5, Application US/10106749  
/ Publication No. US20030165879A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Inscant, Inc.

/ APPLICANT: Woods, Daniel  
/ APPLICANT: Dimitratos, Spiros  
/ TITLE OF INVENTION: EFFICIENT METHODS FOR ISOLATING FUNCTIONAL G-PROTEIN COUPLED RECEPTORS  
/ TITLE OF INVENTION: AND IDENTIFYING ACTIVE EFFECTORS AND EFFICIENT METHODS TO ISOLATE  
/ FILE REFERENCE: INS-00101.P.1.1  
/ CURRENT APPLICATION NUMBER: US/10/106,749  
/ CURRENT FILING DATE: 2002-03-26  
/ PRIOR APPLICATION NUMBER: 60/279,168  
/ PRIOR FILING DATE: 2001-03-27  
/ PRIOR APPLICATION NUMBER: 60/353,392  
/ PRIOR FILING DATE: 2002-01-31  
/ NUMBER OF SEQ ID NOS: 6  
/ SOFTWARE: PatentIn version 3.1  
/ SEQ ID NO 5  
/ LENGTH: 15  
/ TYPE: DNA  
/ ORGANISM: Artificial sequence  
/ FEATURE:  
/ OTHER INFORMATION: Synthetic Construct  
US-10-106-749-5

Query Match 1.4%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
| | | | | | | | | | | | | | | | | |  
Db 15 AAAAAAAAAAAAAA 1

## RESULT 376

US-10-384-451-5/c  
/ Sequence 5, Application US/10384451  
/ Publication No. US20030170860A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Pecker, Iris  
/ APPLICANT: Vlodavsky, Israel  
/ APPLICANT: Feinstein, Elena  
/ TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY  
/ TITLE OF INVENTION: EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS  
/ FILE REFERENCE: 25718  
/ CURRENT APPLICATION NUMBER: US/10/384,451  
/ CURRENT FILING DATE: 2003-03-10  
/ NUMBER OF SEQ ID NOS: 47  
/ SOFTWARE: PatentIn version 3.1  
/ SEQ ID NO 5  
/ LENGTH: 15  
/ TYPE: DNA  
/ ORGANISM: Artificial sequence  
/ FEATURE:  
/ OTHER INFORMATION: Synthetic oligonucleotide  
US-10-384-451-5

Query Match 1.4%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
| | | | | | | | | | | | | | | | | |  
Db 15 AAAAAAAAAAAAAA 1

## RESULT 377

US-10-269-031A-54/c  
/ Sequence 54, Application US/10269031A  
/ Publication No. US20030175749A1  
/ GENERAL INFORMATION:  
/ APPLICANT: JONG-YOON, CHUN  
/ TITLE OF INVENTION: ANNEALING CONTROL PRIMER AND ITS USES  
/ FILE REFERENCE: 64488-012  
/ CURRENT APPLICATION NUMBER: US/10/269,031A  
/ CURRENT FILING DATE: 2002-10-11

; PRIOR FILING DATE: 1997-09-02  
; NUMBER OF SEQ ID NOS: 47  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 5  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide  
US-09-988-113-5

Query Match 1.4%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
Db 15 AAAAAAAAAAAAAA 1

RESULT 370  
US-10-045-674-622/c  
; Sequence 622, Application US/10045674  
; Publication No. US2003023233A1  
; GENERAL INFORMATION:  
; APPLICANT: LADNER, ROBERT C.  
; APPLICANT: COHEN, EDWARD H.  
; APPLICANT: NASTRI, HORACIO G.  
; APPLICANT: ROOKEY, KRISTIN L.  
; APPLICANT: HOET, RENE  
; APPLICANT: HOOGENBOOM, HENDRICUS R. J. M.  
; TITLE OF INVENTION: NOVEL METHODS OF CONSTRUCTING LIBRARIES COMPRISING  
; TITLE OF INVENTION: DISPLAYED AND/OR EXPRESSED MEMBERS OF A DIVERSE FAMILY  
; TITLE OF INVENTION: OF PEPTIDES, POLYPEPTIDES OR PROTEINS AND THE NOVEL  
; TITLE OF INVENTION: LIBRARIES  
; FILE REFERENCE: DYAX/002 CIP2  
; CURRENT APPLICATION NUMBER: US/10/045,674  
; CURRENT FILING DATE: 2001-10-25  
; PRIOR APPLICATION NUMBER: 60/198,069  
; PRIOR FILING DATE: 2000-04-17  
; PRIOR APPLICATION NUMBER: 09/837,306  
; PRIOR FILING DATE: 2001-04-17  
; NUMBER OF SEQ ID NOS: 635  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 622  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Illustrative  
; OTHER INFORMATION: nucleotide sequence  
US-10-045-674-622

Query Match 1.4%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
Db 15 AAAAAAAAAAAAAA 1

RESULT 371  
US-10-456-573-5/c  
; Sequence 5, Application US/10456573  
; Publication No. US20030236215A1  
; GENERAL INFORMATION:  
; APPLICANT: Becker, Iris  
; APPLICANT: Vlodavsky, Israel  
; APPLICANT: Feinstein, Elena  
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY  
; TITLE OF INVENTION: AND EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS  
; FILE REFERENCE: 25677

; CURRENT APPLICATION NUMBER: US/10/456,573  
; CURRENT FILING DATE: 2003-06-09  
; PRIOR APPLICATION NUMBER: US 09/435,739  
; PRIOR FILING DATE: 1999-11-08  
; PRIOR APPLICATION NUMBER: US 09/258,892  
; PRIOR FILING DATE: 1999-03-01  
; PRIOR APPLICATION NUMBER: PCT/US98/17954  
; PRIOR FILING DATE: 1998-08-03  
; PRIOR APPLICATION NUMBER: US 08/922,170  
; PRIOR FILING DATE: 1997-09-02  
; NUMBER OF SEQ ID NOS: 54  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 5  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Single strand DNA oligonucleotide  
US-10-456-573-5

Query Match 1.4%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
Db 15 AAAAAAAAAAAAAA 1

RESULT 372  
US-10-051-436-10/c  
; Sequence 10, Application US/10051436  
; Publication No. US20030138045A1  
; GENERAL INFORMATION:  
; APPLICANT: Active Motif  
; APPLICANT: Efimov, Vladimir  
; APPLICANT: Fernandez, Joseph  
; APPLICANT: Archdeacon, Dorothy  
; APPLICANT: Archdeacon, John  
; APPLICANT: Chakhmakchev, Oksana  
; APPLICANT: Buryakova, Alla  
; APPLICANT: Choob, Mikhail  
; APPLICANT: Hondorp, Kyle  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF USE  
; FILE REFERENCE: AM102.P.1US  
; CURRENT APPLICATION NUMBER: US/10/051,436  
; CURRENT FILING DATE: 2002-01-18  
; PRIOR APPLICATION NUMBER: US 60/189,190  
; PRIOR FILING DATE: 2000-03-14  
; PRIOR APPLICATION NUMBER: US 60/250,334  
; PRIOR FILING DATE: 2000-11-30  
; NUMBER OF SEQ ID NOS: 18  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 10  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; OTHER INFORMATION: SyntheticConstruct  
US-10-051-436-10

Query Match 1.4%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
Db 15 AAAAAAAAAAAAAA 1

RESULT 373  
US-10-341-582-5/c



; PRIOR FILING DATE: 1998-08-31  
; NUMBER OF SEQ ID NOS: 47  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 5  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: synthetic oligonucleotide  
US-09-776-874A-5

Query Match 1.4%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
| | | | | | | | | | | | | | |  
DB 15 AAAAAAAAAAAAAA 1

RESULT 363  
US-09-955-410-17/c  
; Sequence 17, Application US/09955410  
; Patent No. US20020146718A1  
; GENERAL INFORMATION:  
; APPLICANT: Buchardt, Ole  
; APPLICANT: Egholm, Michael  
; APPLICANT: Nielsen, Peter Eigil  
; APPLICANT: Berg, Rolf Henrik  
; TITLE OF INVENTION: Peptide Nucleic Acids Having 2,6-Diaminopurine Nucleobases  
; FILE REFERENCE: IS184800  
; CURRENT APPLICATION NUMBER: US/09/955,410  
; CURRENT FILING DATE: 2001-09-18  
; PRIOR APPLICATION NUMBER: 08/108,591  
; PRIOR FILING DATE: 1993-11-22  
; PRIOR APPLICATION NUMBER: 09/686,114  
; PRIOR FILING DATE: 1996-07-24  
; NUMBER OF SEQ ID NOS: 43  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 17  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: No. US20020146718A1 Sequence  
US-09-955-410-17

Query Match 1.4%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
| | | | | | | | | | | | | | |  
DB 15 AAAAAAAAAAAAAA 1

RESULT 364  
US-09-955-410-18  
; Sequence 18, Application US/09955410  
; Patent No. US20020146718A1  
; GENERAL INFORMATION:  
; APPLICANT: Buchardt, Ole  
; APPLICANT: Egholm, Michael  
; APPLICANT: Nielsen, Peter Eigil  
; APPLICANT: Berg, Rolf Henrik  
; TITLE OF INVENTION: Peptide Nucleic Acids Having 2,6-Diaminopurine Nucleobases  
; FILE REFERENCE: IS184800  
; CURRENT APPLICATION NUMBER: US/09/955,410  
; CURRENT FILING DATE: 2001-09-18  
; PRIOR APPLICATION NUMBER: 08/108,591  
; PRIOR FILING DATE: 1993-11-22  
; PRIOR APPLICATION NUMBER: 09/686,114  
; PRIOR FILING DATE: 1996-07-24

; NUMBER OF SEQ ID NOS: 43  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 18  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: No. US20020146718A1 Sequence  
US-09-955-410-18

Query Match 1.4%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
| | | | | | | | | | | | | | |  
DB 1 AAAAAAAAAAAAAA 15

RESULT 365  
US-09-805-296D-10/c  
; Sequence 10, Application US/09805296D  
; Patent No. US20020155989A1  
; GENERAL INFORMATION:  
; APPLICANT: Active Motif  
; APPLICANT: Efimov, Vladimir  
; APPLICANT: Fernandez, Joseph  
; APPLICANT: Archdeacon, Dorothy  
; APPLICANT: Archdeacon, John  
; APPLICANT: Chakmakcheau, Oksana  
; APPLICANT: Buryakova, Alla  
; APPLICANT: Choob, Mikhail  
; APPLICANT: Hondorp, Kyle  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF USE  
; FILE REFERENCE: AM102.P.1US  
; CURRENT APPLICATION NUMBER: US/09/805,296D  
; CURRENT FILING DATE: 2001-03-13  
; PRIOR APPLICATION NUMBER: US 60/189,190  
; PRIOR FILING DATE: 2000-03-14  
; PRIOR APPLICATION NUMBER: US 60/250,334  
; PRIOR FILING DATE: 2000-11-30  
; NUMBER OF SEQ ID NOS: 18  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 10  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Construct  
; NAME/KEY: misc\_feature  
; OTHER INFORMATION: SyntheticConstruct  
US-09-805-296D-10

Query Match 1.4%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
| | | | | | | | | | | | | | |  
DB 15 AAAAAAAAAAAAAA 1

RESULT 366  
US-09-983-210-19/c  
; Sequence 19, Application US/09983210  
; Patent No. US20020160383A1  
; GENERAL INFORMATION:  
; APPLICANT:  
; TITLE OF INVENTION: THE USE OF NUCLEIC ACID ANALOGUES IN  
; DIAGNOSTICS AND ANALYTICAL PROCEDURES  
; NUMBER OF SEQUENCES: 40  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk

US-10-015-822A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCAACACGCGCTCAGTCCCG 640  
DB 20 TAAACAAGCGCTCAGTCTCTG 1

RESULT 359

US-09-504-231A-22/c  
; Sequence 22, Application US/09504231A  
; Patent No. US20020013458A1

; GENERAL INFORMATION:

; APPLICANT: Blatt, Lawrence

; APPLICANT: McSwiggen, James

; APPLICANT: Roberts, Beth

; APPLICANT: Pavco, Pamela

; APPLICANT: Macejak, Dennis

; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE

; FILE REFERENCE: TPI 247/282

; CURRENT APPLICATION NUMBER: US/09/504,231A

; CURRENT FILING DATE: 2000-02-15

; PRIOR APPLICATION NUMBER: 09/274,553

; PRIOR FILING DATE: 1999-03-23

; PRIOR APPLICATION NUMBER: 09/257,608

; PRIOR FILING DATE: 1999-02-24

; PRIOR APPLICATION NUMBER: 60/100,842

; PRIOR FILING DATE: 1998-09-18

; PRIOR APPLICATION NUMBER: 60/083,217

; PRIOR FILING DATE: 1998-04-27

; NUMBER OF SEQ ID NOS: 3242

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 22

; LENGTH: 15

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target

US-09-504-231A-22

Query Match 1.4%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
DB 15 AAAAAAAAAAAAAA 1

RESULT 360

US-09-930-218-5/c

; Sequence 5, Application US/09930218

; Patent No. US20020034810A1

; GENERAL INFORMATION:

; APPLICANT: Goldshmidt,orit

; APPLICANT: pecker, iris

; APPLICANT: vlodavsky, israel

; APPLICANT: israel, michael

; TITLE OF INVENTION: AVIAN AND REPTILE DERIVED POLYNUCLEOTIDE ENCODING A POLYPEPTIDE H

; FILE REFERENCE: 01/22135

; CURRENT APPLICATION NUMBER: US/09/930,218

; CURRENT FILING DATE: 2001-08-16

; PRIOR APPLICATION NUMBER: 09/666,390

; PRIOR FILING DATE: 2000-09-20

; NUMBER OF SEQ ID NOS: 16

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 5

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial sequence

; FEATURE:

; OTHER INFORMATION: synthetic polynucleotide

US-09-930-218-5

Query Match 1.4%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
DB 15 AAAAAAAAAAAAAA 1

RESULT 361

US-09-274-553D-22/c

; Sequence 22, Application US/09274553D

; Patent No. US20020082225A1

; GENERAL INFORMATION:

; APPLICANT: Blatt, Lawrence

; APPLICANT: McSwiggen, James

; APPLICANT: Roberts, Beth

; APPLICANT: Pavco, Pamela

; APPLICANT: Macejak, Dennis

; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELAT

; FILE REFERENCE: TPI 247/282

; CURRENT APPLICATION NUMBER: US/09/274,553D

; CURRENT FILING DATE: 1999-03-23

; PRIOR APPLICATION NUMBER: 09/257,608

; PRIOR FILING DATE: 1999-02-24

; PRIOR APPLICATION NUMBER: 60/100,842

; PRIOR FILING DATE: 1998-09-18

; PRIOR APPLICATION NUMBER: 60/083,217

; PRIOR FILING DATE: 1998-04-27

; NUMBER OF SEQ ID NOS: 3148

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 22

; LENGTH: 15

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target

US-09-274-553D-22

Query Match 1.4%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1098  
DB 15 AAAAAAAAAAAAAA 1

RESULT 362

US-09-776-874A-5/c

; Sequence 5, Application US/09776874A

; Patent No. US20020102560A1

; GENERAL INFORMATION:

; APPLICANT: Pecker, Iris

; APPLICANT: vlodavsky, israel

; APPLICANT: Feinstein, Elena

; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY

; FILE REFERENCE: 01/22603

; CURRENT APPLICATION NUMBER: US/09/776,874A

; CURRENT FILING DATE: 2001-12-12

; PRIOR APPLICATION NUMBER: US 08/922,170

; PRIOR FILING DATE: 1997-09-02

; PRIOR APPLICATION NUMBER: US 09/109,386

; PRIOR FILING DATE: 1998-07-10

; PRIOR APPLICATION NUMBER: PCT/US98/17954

```
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC61
; CURRENT APPLICATION NUMBER: US/10/017,407A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-407A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      621 TCAACGAGCGCTCAGTCCCG 640
      ||| ||||| ||||| ||||| |||||
Db      20 TAAACAAGCGCTCAGTCTCTG 1

RESULT 356
US-10-006-041A-447/c
; Sequence 447, Application US/10006041A
; Publication No. US20030130490A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC8
; CURRENT APPLICATION NUMBER: US/10/006,041A
; CURRENT FILING DATE: 2001-12-06
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-041A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      621 TCAACGAGCGCTCAGTCCCG 640
      ||| ||||| ||||| ||||| |||||
Db      20 TAAACAAGCGCTCAGTCTCTG 1

RESULT 357
US-10-011-833A-447/c
; Sequence 447, Application US/10011833A
; Publication No. US20030129650A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC22
; CURRENT APPLICATION NUMBER: US/10/011,833A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-011-833A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      621 TCAACGAGCGCTCAGTCCCG 640
      ||| ||||| ||||| ||||| |||||
Db      20 TAAACAAGCGCTCAGTCTCTG 1

RESULT 358
US-10-015-822A-447/c
; Sequence 447, Application US/10015822A
; Publication No. US20030130491A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC38
; CURRENT APPLICATION NUMBER: US/10/015,822A
; CURRENT FILING DATE: 2002-06-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-011-833A-447/c
```

```
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C65
; CURRENT APPLICATION NUMBER: US/10/006,063A
; CURRENT FILING DATE: 2002-03-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-063A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      621 TCACACGCGCTCAGTCCCG 640
      |||||
Db      20 TAAACAAGCGCTCAGTCTGT 1

RESULT 353
US-10-020-063A-447/c
; Sequence 447, Application US/10020063A
; Publication No. US20030119097A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C65
; CURRENT APPLICATION NUMBER: US/10/020,063A
; CURRENT FILING DATE: 2002-09-04
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-020,063A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      621 TCACACGCGCTCAGTCCCG 640
      |||||
Db      20 TAAACAAGCGCTCAGTCTGT 1

RESULT 355
US-10-017-407A-447/c
; Sequence 447, Application US/10017407A
; Publication No. US20030125535A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-020-063A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      621 TCACACGCGCTCAGTCCCG 640
      |||||
Db      20 TAAACAAGCGCTCAGTCTGT 1

RESULT 354
US-10-015-391A-447/c
; Sequence 447, Application US/10015391A
; Publication No. US20030120053A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C59
; CURRENT APPLICATION NUMBER: US/10/015,391A
; CURRENT FILING DATE: 2001-12-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-391A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      621 TCACACGCGCTCAGTCCCG 640
      |||||
Db      20 TAAACAAGCGCTCAGTCTGT 1

RESULT 355
US-10-017-407A-447/c
; Sequence 447, Application US/10017407A
; Publication No. US20030125535A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
```

; PRIOR APPLICATION NUMBER: 60/100710  
 ; PRIOR FILING DATE: 1998-09-17  
 ; PRIOR APPLICATION NUMBER: 60/100711  
 ; PRIOR FILING DATE: 1998-09-17  
 ; PRIOR APPLICATION NUMBER: 60/100848  
 ; PRIOR FILING DATE: 1998-09-18  
 ; PRIOR APPLICATION NUMBER: 60/100849  
 ; PRIOR FILING DATE: 1998-09-18  
 ; PRIOR APPLICATION NUMBER: 60/100919  
 ; PRIOR FILING DATE: 1998-09-17  
 ; PRIOR APPLICATION NUMBER: 60/100930  
 ; PRIOR FILING DATE: 1998-09-17  
 ; PRIOR APPLICATION NUMBER: 60/101014  
 ; PRIOR FILING DATE: 1998-09-18  
 ; PRIOR APPLICATION NUMBER: 60/101068  
 ; PRIOR FILING DATE: 1998-09-18  
 ; PRIOR APPLICATION NUMBER: 60/101071  
 ; PRIOR FILING DATE: 1998-09-18  
 ; PRIOR APPLICATION NUMBER: 60/101279  
 ; PRIOR FILING DATE: 1998-09-22  
 ; PRIOR APPLICATION NUMBER: 60/101471  
 ; PRIOR FILING DATE: 1998-09-23  
 ; PRIOR APPLICATION NUMBER: 60/101472  
 ; PRIOR FILING DATE: 1998-09-23  
 ; PRIOR APPLICATION NUMBER: 60/101474  
 ; PRIOR FILING DATE: 1998-09-23  
 ; PRIOR APPLICATION NUMBER: 60/101475  
 ; PRIOR FILING DATE: 1998-09-23  
 ; PRIOR APPLICATION NUMBER: 60/101476  
 ; PRIOR FILING DATE: 1998-09-23  
 ; PRIOR APPLICATION NUMBER: 60/101477  
 ; PRIOR FILING DATE: 1998-09-23  
 ; PRIOR APPLICATION NUMBER: 60/101479  
 ; PRIOR FILING DATE: 1998-09-23  
 ; PRIOR APPLICATION NUMBER: 60/101738  
 ; PRIOR FILING DATE: 1998-09-24  
 ; PRIOR APPLICATION NUMBER: 60/101741  
 ; PRIOR FILING DATE: 1998-09-24  
 ; PRIOR APPLICATION NUMBER: 60/101743  
 ; PRIOR FILING DATE: 1998-09-24  
 ; PRIOR APPLICATION NUMBER: 60/101915  
 ; PRIOR FILING DATE: 1998-09-24  
 ; PRIOR APPLICATION NUMBER: 60/101916  
 ; PRIOR FILING DATE: 1998-09-24  
 ; PRIOR APPLICATION NUMBER: 60/102207  
 ; PRIOR FILING DATE: 1998-09-29  
 ; PRIOR APPLICATION NUMBER: 60/102240  
 ; PRIOR FILING DATE: 1998-09-29  
 ; PRIOR APPLICATION NUMBER: 60/102307  
 ; PRIOR FILING DATE: 1998-09-29  
 ; PRIOR APPLICATION NUMBER: 60/102330  
 ; PRIOR FILING DATE: 1998-09-29  
 ; PRIOR APPLICATION NUMBER: 60/102331  
 ; PRIOR FILING DATE: 1998-09-29  
 ; PRIOR APPLICATION NUMBER: 60/102484  
 ; PRIOR FILING DATE: 1998-09-30  
 ; PRIOR APPLICATION NUMBER: 60/102487  
 ; PRIOR FILING DATE: 1998-09-30  
 ; PRIOR APPLICATION NUMBER: 60/102570  
 ; PRIOR FILING DATE: 1998-09-30  
 ; PRIOR APPLICATION NUMBER: 60/102571  
 ; PRIOR FILING DATE: 1998-09-30  
 ; PRIOR APPLICATION NUMBER: 60/102684  
 ; PRIOR FILING DATE: 1998-10-01  
 ; PRIOR APPLICATION NUMBER: 60/102687  
 ; PRIOR FILING DATE: 1998-10-01  
 ; PRIOR APPLICATION NUMBER: 60/102965  
 ; PRIOR FILING DATE: 1998-10-02  
 ; PRIOR APPLICATION NUMBER: 60/103258  
 ; PRIOR FILING DATE: 1998-10-06  
 ; PRIOR APPLICATION NUMBER: 60/103314  
 ; PRIOR FILING DATE: 1998-10-07  
 ; PRIOR APPLICATION NUMBER: 60/103315

; PRIOR FILING DATE: 1998-10-07  
 ; PRIOR APPLICATION NUMBER: 60/103328  
 ; PRIOR FILING DATE: 1998-10-07  
 ; PRIOR APPLICATION NUMBER: 60/103395  
 ; PRIOR FILING DATE: 1998-10-07  
 ; PRIOR APPLICATION NUMBER: 60/103396  
 ; PRIOR FILING DATE: 1998-10-07  
 ; PRIOR APPLICATION NUMBER: 60/103401  
 ; PRIOR FILING DATE: 1998-10-07  
 ; PRIOR APPLICATION NUMBER: 60/103449  
 ; PRIOR FILING DATE: 1998-10-06  
 ; PRIOR APPLICATION NUMBER: 60/103633  
 ; PRIOR FILING DATE: 1998-10-08  
 ; PRIOR APPLICATION NUMBER: 60/103678  
 ; PRIOR FILING DATE: 1998-10-08  
 ; PRIOR APPLICATION NUMBER: 60/103679  
 ; PRIOR FILING DATE: 1998-10-08  
 ; PRIOR APPLICATION NUMBER: 60/103711  
 ; PRIOR FILING DATE: 1998-10-08  
 ; PRIOR APPLICATION NUMBER: 60/104257  
 ; PRIOR FILING DATE: 1998-10-14  
 ; PRIOR APPLICATION NUMBER: 60/104987  
 ; PRIOR FILING DATE: 1998-10-20  
 ; PRIOR APPLICATION NUMBER: 60/105000  
 ; PRIOR FILING DATE: 1998-10-20  
 ; PRIOR APPLICATION NUMBER: 60/105002  
 ; PRIOR FILING DATE: 1998-10-20  
 ; PRIOR APPLICATION NUMBER: 60/105104  
 ; PRIOR FILING DATE: 1998-10-21  
 ; PRIOR APPLICATION NUMBER: 60/105169  
 ; PRIOR FILING DATE: 1998-10-22  
 ; PRIOR APPLICATION NUMBER: 60/105266  
 ; PRIOR FILING DATE: 1998-10-22  
 ; PRIOR APPLICATION NUMBER: 60/105693  
 ; PRIOR FILING DATE: 1998-10-26  
 ; PRIOR APPLICATION NUMBER: 60/105694  
 ; PRIOR FILING DATE: 1998-10-26  
 ; PRIOR APPLICATION NUMBER: 60/105807  
 ; PRIOR FILING DATE: 1998-10-27  
 ; PRIOR APPLICATION NUMBER: 60/105881  
 ; PRIOR FILING DATE: 1998-10-27  
 ; PRIOR APPLICATION NUMBER: 60/105882  
 ; PRIOR FILING DATE: 1998-10-27  
 ; PRIOR APPLICATION NUMBER: 60/106023  
 ; PRIOR FILING DATE: 1998-10-28

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
 Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 621 TCAACGAGCGCTCAGTCCCG 640  
 Db 20 TAAACGAGCGCTCAGTCCG 1

RESULT 352  
 US-10-006-063A-447/c  
 ; Sequence 447, Application US/10006063A  
 ; Publication No. US20030114652A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, Christopher J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Hillan, Kenneth J.  
 ; APPLICANT: Pan, James

;; Prior application removed - See file Wrapper or Palm  
;; NUMBER OF SEQ ID NOS: 477  
;; SEQ ID NO 447  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-011-692A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCACACAGCGCTCAGTCCCG 640  
||| ||||| ||||| |||||  
Db 20 TAACACAGCGCTCAGTCTGT 1

RESULT 350  
US-10-006-768A-447/c  
;; Sequence 447, Application US/10006768A  
;; Publication No. US20030113793A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Baker, Kevin P.  
;; APPLICANT: Botstein, David  
;; APPLICANT: Desnovers, Luc  
;; APPLICANT: Eaton, Dan I.  
;; APPLICANT: Ferrara, Napoleone  
;; APPLICANT: Fong, Sherman  
;; APPLICANT: Gao, Wei-Qiang  
;; APPLICANT: Goddard, Audrey  
;; APPLICANT: Godowski, Paul J.  
;; APPLICANT: Grimaldi, Christopher J.  
;; APPLICANT: Gurney, Austin L.  
;; APPLICANT: Hillan, Kenneth J.  
;; APPLICANT: Pan, James  
;; APPLICANT: Paoni, Nicholas F.  
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
;; FILE REFERENCE: P2830P1C10  
;; CURRENT APPLICATION NUMBER: US/10/006,768A  
;; CURRENT FILING DATE: 2002-03-05  
;; NUMBER OF SEQ ID NOS: 477  
;; Prior Application removed - See File Wrapper or Palm  
;; SEQ ID NO 447  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-006-768A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCACACAGCGCTCAGTCCCG 640  
||| ||||| ||||| |||||  
Db 20 TAACACAGCGCTCAGTCTGT 1

RESULT 351  
US-10-017-610A-447/c  
;; Sequence 447, Application US/10017610A  
;; Publication No. US20030113795A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Baker, Kevin P.  
;; APPLICANT: Botstein, David  
;; APPLICANT: Desnovers, Luc  
;; APPLICANT: Eaton, Dan I.  
;; APPLICANT: Ferrara, Napoleone  
;; APPLICANT: Fong, Sherman  
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
;; FILE REFERENCE: P2830P1C64  
;; CURRENT APPLICATION NUMBER: US/10/017,610A  
;; CURRENT FILING DATE: 2001-12-13  
;; PRIOR APPLICATION NUMBER: 60/098716  
;; PRIOR FILING DATE: 1998-09-01  
;; PRIOR APPLICATION NUMBER: 60/098723  
;; PRIOR FILING DATE: 1998-09-01  
;; PRIOR APPLICATION NUMBER: 60/098749  
;; PRIOR FILING DATE: 1998-09-01  
;; PRIOR APPLICATION NUMBER: 60/098750  
;; PRIOR FILING DATE: 1998-09-01  
;; PRIOR APPLICATION NUMBER: 60/098803  
;; PRIOR FILING DATE: 1998-09-02  
;; PRIOR APPLICATION NUMBER: 60/098821  
;; PRIOR FILING DATE: 1998-09-02  
;; PRIOR APPLICATION NUMBER: 60/098843  
;; PRIOR FILING DATE: 1998-09-02  
;; PRIOR APPLICATION NUMBER: 60/099536  
;; PRIOR FILING DATE: 1998-09-09  
;; PRIOR APPLICATION NUMBER: 60/099596  
;; PRIOR FILING DATE: 1998-09-09  
;; PRIOR APPLICATION NUMBER: 60/099598  
;; PRIOR FILING DATE: 1998-09-09  
;; PRIOR APPLICATION NUMBER: 60/099602  
;; PRIOR FILING DATE: 1998-09-09  
;; PRIOR APPLICATION NUMBER: 60/099642  
;; PRIOR FILING DATE: 1998-09-09  
;; PRIOR APPLICATION NUMBER: 60/099741  
;; PRIOR FILING DATE: 1998-09-10  
;; PRIOR APPLICATION NUMBER: 60/099754  
;; PRIOR FILING DATE: 1998-09-10  
;; PRIOR APPLICATION NUMBER: 60/099763  
;; PRIOR FILING DATE: 1998-09-10  
;; PRIOR APPLICATION NUMBER: 60/099792  
;; PRIOR FILING DATE: 1998-09-10  
;; PRIOR APPLICATION NUMBER: 60/099808  
;; PRIOR FILING DATE: 1998-09-10  
;; PRIOR APPLICATION NUMBER: 60/099812  
;; PRIOR FILING DATE: 1998-09-10  
;; PRIOR APPLICATION NUMBER: 60/099815  
;; PRIOR FILING DATE: 1998-09-10  
;; PRIOR APPLICATION NUMBER: 60/099816  
;; PRIOR FILING DATE: 1998-09-10  
;; PRIOR APPLICATION NUMBER: 60/100385  
;; PRIOR FILING DATE: 1998-09-15  
;; PRIOR APPLICATION NUMBER: 60/100388  
;; PRIOR FILING DATE: 1998-09-15  
;; PRIOR APPLICATION NUMBER: 60/100390  
;; PRIOR FILING DATE: 1998-09-15  
;; PRIOR APPLICATION NUMBER: 60/100584  
;; PRIOR FILING DATE: 1998-09-15  
;; PRIOR APPLICATION NUMBER: 60/100627  
;; PRIOR FILING DATE: 1998-09-16  
;; PRIOR APPLICATION NUMBER: 60/100661  
;; PRIOR FILING DATE: 1998-09-16  
;; PRIOR APPLICATION NUMBER: 60/100662  
;; PRIOR FILING DATE: 1998-09-16  
;; PRIOR APPLICATION NUMBER: 60/100664  
;; PRIOR FILING DATE: 1998-09-16  
;; PRIOR APPLICATION NUMBER: 60/100683  
;; PRIOR FILING DATE: 1998-09-17  
;; PRIOR APPLICATION NUMBER: 60/100684  
;; PRIOR FILING DATE: 1998-09-17

;; PRIOR APPLICATION NUMBER: 60/104257  
;; PRIOR FILING DATE: 1998-10-14  
;; PRIOR APPLICATION NUMBER: 60/104987  
;; PRIOR FILING DATE: 1998-10-20  
;; PRIOR APPLICATION NUMBER: 60/105000  
;; PRIOR FILING DATE: 1998-10-20  
;; PRIOR APPLICATION NUMBER: 60/105002  
;; PRIOR FILING DATE: 1998-10-20  
;; PRIOR APPLICATION NUMBER: 60/105104  
;; PRIOR FILING DATE: 1998-10-21  
;; PRIOR APPLICATION NUMBER: 60/105169  
;; PRIOR FILING DATE: 1998-10-22  
;; PRIOR APPLICATION NUMBER: 60/105266  
;; PRIOR FILING DATE: 1998-10-22  
;; PRIOR APPLICATION NUMBER: 60/105693  
;; PRIOR FILING DATE: 1998-10-26  
;; PRIOR APPLICATION NUMBER: 60/105694  
;; PRIOR FILING DATE: 1998-10-26  
;; PRIOR APPLICATION NUMBER: 60/105807  
;; PRIOR FILING DATE: 1998-10-27  
;; PRIOR APPLICATION NUMBER: 60/105881  
;; PRIOR FILING DATE: 1998-10-27  
;; PRIOR APPLICATION NUMBER: 60/105882  
;; PRIOR FILING DATE: 1998-10-27  
;; PRIOR APPLICATION NUMBER: 60/106023  
;; PRIOR FILING DATE: 1998-10-28

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCACACGCGCTCAGTCCCG 640  
DB 20 TAACACGCGCTCAGTCTCTG 1

## RESULT 347

US-10-012-755A-447/c  
; Sequence 447, Application US/10012755A  
; Publication No. US20030096955A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan I.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P28301C28  
; CURRENT APPLICATION NUMBER: US/10/012,755A  
; CURRENT FILING DATE: 2002-06-10  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 477  
; SEQ ID NO 447  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-012-755A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCACACGCGCTCAGTCCCG 640  
DB 20 TAACACGCGCTCAGTCTCTG 1

## RESULT 348

US-10-015-386A-447/c  
; Sequence 447, Application US/10015386A  
; Publication No. US20030099625A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan I.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P28301C55  
; CURRENT APPLICATION NUMBER: US/10/015,386A  
; CURRENT FILING DATE: 2001-12-12  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 477  
; SEQ ID NO 447  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-015-386A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCACACGCGCTCAGTCCCG 640  
DB 20 TAACACGCGCTCAGTCTCTG 1

## RESULT 349

US-10-011-692A-447/c  
; Sequence 447, Application US/10011692A  
; Publication No. US20030109672A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan I.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P28301C30  
; CURRENT APPLICATION NUMBER: US/10/011,692A  
; CURRENT FILING DATE: 2001-12-07

, PRIOR APPLICATION NUMBER: 60/098750  
 , PRIOR FILING DATE: 1998-09-01  
 , PRIOR APPLICATION NUMBER: 60/098803  
 , PRIOR FILING DATE: 1998-09-02  
 , PRIOR APPLICATION NUMBER: 60/098821  
 , PRIOR FILING DATE: 1998-09-02  
 , PRIOR APPLICATION NUMBER: 60/098843  
 , PRIOR FILING DATE: 1998-09-02  
 , PRIOR APPLICATION NUMBER: 60/099536  
 , PRIOR FILING DATE: 1998-09-09  
 , PRIOR APPLICATION NUMBER: 60/099596  
 , PRIOR FILING DATE: 1998-09-09  
 , PRIOR APPLICATION NUMBER: 60/099598  
 , PRIOR FILING DATE: 1998-09-09  
 , PRIOR APPLICATION NUMBER: 60/099602  
 , PRIOR FILING DATE: 1998-09-09  
 , PRIOR APPLICATION NUMBER: 60/099642  
 , PRIOR FILING DATE: 1998-09-09  
 , PRIOR APPLICATION NUMBER: 60/099741  
 , PRIOR FILING DATE: 1998-09-10  
 , PRIOR APPLICATION NUMBER: 60/099754  
 , PRIOR FILING DATE: 1998-09-10  
 , PRIOR APPLICATION NUMBER: 60/099763  
 , PRIOR FILING DATE: 1998-09-10  
 , PRIOR APPLICATION NUMBER: 60/099792  
 , PRIOR FILING DATE: 1998-09-10  
 , PRIOR APPLICATION NUMBER: 60/099808  
 , PRIOR FILING DATE: 1998-09-10  
 , PRIOR APPLICATION NUMBER: 60/099812  
 , PRIOR FILING DATE: 1998-09-10  
 , PRIOR APPLICATION NUMBER: 60/099815  
 , PRIOR FILING DATE: 1998-09-10  
 , PRIOR APPLICATION NUMBER: 60/099816  
 , PRIOR FILING DATE: 1998-09-10  
 , PRIOR APPLICATION NUMBER: 60/100385  
 , PRIOR FILING DATE: 1998-09-15  
 , PRIOR APPLICATION NUMBER: 60/100388  
 , PRIOR FILING DATE: 1998-09-15  
 , PRIOR APPLICATION NUMBER: 60/100390  
 , PRIOR FILING DATE: 1998-09-15  
 , PRIOR APPLICATION NUMBER: 60/100584  
 , PRIOR FILING DATE: 1998-09-16  
 , PRIOR APPLICATION NUMBER: 60/100627  
 , PRIOR FILING DATE: 1998-09-16  
 , PRIOR APPLICATION NUMBER: 60/100661  
 , PRIOR FILING DATE: 1998-09-16  
 , PRIOR APPLICATION NUMBER: 60/100662  
 , PRIOR FILING DATE: 1998-09-16  
 , PRIOR APPLICATION NUMBER: 60/100664  
 , PRIOR FILING DATE: 1998-09-16  
 , PRIOR APPLICATION NUMBER: 60/100683  
 , PRIOR FILING DATE: 1998-09-17  
 , PRIOR APPLICATION NUMBER: 60/100684  
 , PRIOR FILING DATE: 1998-09-17  
 , PRIOR APPLICATION NUMBER: 60/100710  
 , PRIOR FILING DATE: 1998-09-17  
 , PRIOR APPLICATION NUMBER: 60/100711  
 , PRIOR FILING DATE: 1998-09-17  
 , PRIOR APPLICATION NUMBER: 60/100848  
 , PRIOR FILING DATE: 1998-09-18  
 , PRIOR APPLICATION NUMBER: 60/100849  
 , PRIOR FILING DATE: 1998-09-18  
 , PRIOR APPLICATION NUMBER: 60/100919  
 , PRIOR FILING DATE: 1998-09-17  
 , PRIOR APPLICATION NUMBER: 60/100930  
 , PRIOR FILING DATE: 1998-09-17  
 , PRIOR APPLICATION NUMBER: 60/101014  
 , PRIOR FILING DATE: 1998-09-18  
 , PRIOR APPLICATION NUMBER: 60/101068  
 , PRIOR FILING DATE: 1998-09-18  
 , PRIOR APPLICATION NUMBER: 60/101071  
 , PRIOR FILING DATE: 1998-09-18  
 , PRIOR APPLICATION NUMBER: 60/101279

; PRIOR FILING DATE: 1998-09-30  
 ; PRIOR APPLICATION NUMBER: 60/102487  
 ; PRIOR FILING DATE: 1998-09-30  
 ; PRIOR APPLICATION NUMBER: 60/102570  
 ; PRIOR FILING DATE: 1998-09-30  
 ; PRIOR APPLICATION NUMBER: 60/102571  
 ; PRIOR FILING DATE: 1998-09-30  
 ; PRIOR APPLICATION NUMBER: 60/102684  
 ; PRIOR FILING DATE: 1998-10-01  
 ; PRIOR APPLICATION NUMBER: 60/102687  
 ; PRIOR FILING DATE: 1998-10-01  
 ; PRIOR APPLICATION NUMBER: 60/102965  
 ; PRIOR FILING DATE: 1998-10-02  
 ; PRIOR APPLICATION NUMBER: 60/103258  
 ; PRIOR FILING DATE: 1998-10-06  
 ; PRIOR APPLICATION NUMBER: 60/103314  
 ; PRIOR FILING DATE: 1998-10-07  
 ; PRIOR APPLICATION NUMBER: 60/103315  
 ; PRIOR FILING DATE: 1998-10-07  
 ; PRIOR APPLICATION NUMBER: 60/103328  
 ; PRIOR FILING DATE: 1998-10-07  
 ; PRIOR APPLICATION NUMBER: 60/103395  
 ; PRIOR FILING DATE: 1998-10-07  
 ; PRIOR APPLICATION NUMBER: 60/103396  
 ; PRIOR FILING DATE: 1998-10-07  
 ; PRIOR APPLICATION NUMBER: 60/103401  
 ; PRIOR FILING DATE: 1998-10-07  
 ; PRIOR APPLICATION NUMBER: 60/103449  
 ; PRIOR FILING DATE: 1998-10-06  
 ; PRIOR APPLICATION NUMBER: 60/103633  
 ; PRIOR FILING DATE: 1998-10-08  
 ; PRIOR APPLICATION NUMBER: 60/103678  
 ; PRIOR FILING DATE: 1998-10-08  
 ; PRIOR APPLICATION NUMBER: 60/103679  
 ; PRIOR FILING DATE: 1998-10-08  
 ; PRIOR APPLICATION NUMBER: 60/103711  
 ; PRIOR FILING DATE: 1998-10-08  
 ; PRIOR APPLICATION NUMBER: 60/104257  
 ; PRIOR FILING DATE: 1998-10-14  
 ; PRIOR APPLICATION NUMBER: 60/104987  
 ; PRIOR FILING DATE: 1998-10-20  
 ; PRIOR APPLICATION NUMBER: 60/105000  
 ; PRIOR FILING DATE: 1998-10-20  
 ; PRIOR APPLICATION NUMBER: 60/105002  
 ; PRIOR FILING DATE: 1998-10-20  
 ; PRIOR APPLICATION NUMBER: 60/105104  
 ; PRIOR FILING DATE: 1998-10-21  
 ; PRIOR APPLICATION NUMBER: 60/105169  
 ; PRIOR FILING DATE: 1998-10-22  
 ; PRIOR APPLICATION NUMBER: 60/105266  
 ; PRIOR FILING DATE: 1998-10-22  
 ; PRIOR APPLICATION NUMBER: 60/105693  
 ; PRIOR FILING DATE: 1998-10-26  
 ; PRIOR APPLICATION NUMBER: 60/105694  
 ; PRIOR FILING DATE: 1998-10-26  
 ; PRIOR APPLICATION NUMBER: 60/105807  
 ; PRIOR FILING DATE: 1998-10-27  
 ; PRIOR APPLICATION NUMBER: 60/105881  
 ; PRIOR FILING DATE: 1998-10-27  
 ; PRIOR APPLICATION NUMBER: 60/105882  
 ; PRIOR FILING DATE: 1998-10-27  
 ; PRIOR APPLICATION NUMBER: 60/106023  
 ; PRIOR FILING DATE: 1998-10-28

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
 Best Local Similarity 85.0%; Pred. No. 3.1e-02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
 QY 621 TCACACGCGCTCAGTCCCG 640  
 Db 20 TAAACACGCGCTCAGTCCGT 1

RESULT 345  
 US-10-013-430A-447/c  
 ; Sequence 447, Application US/10013430A  
 ; Publication No. US20030092883A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, Christopher J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Hillan, Kenneth J.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P2830P1C31  
 ; CURRENT APPLICATION NUMBER: US/10/013,430A  
 ; CURRENT FILING DATE: 2002-06-25  
 ; Prior Application removed - See File Wrapper or Palm  
 ; NUMBER OF SEQ ID NOS: 477  
 ; SEQ ID NO 447  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic oligonucleotide probe  
 US-10-013-430A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
 Best Local Similarity 85.0%; Pred. No. 3.1e-02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCACACGCGCTCAGTCCCG 640  
 Db 20 TAAACACGCGCTCAGTCCGT 1

RESULT 346  
 US-10-011-671A-447/c  
 ; Sequence 447, Application US/10011671A  
 ; Publication No. US20030096954A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, Christopher J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Hillan, Kenneth J.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P2830P1C27  
 ; CURRENT APPLICATION NUMBER: US/10/011,671A  
 ; CURRENT FILING DATE: 2002-06-10  
 ; Prior Application removed - See File Wrapper or Palm  
 ; NUMBER OF SEQ ID NOS: 477  
 ; SEQ ID NO 447  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic oligonucleotide probe  
 US-10-011-671A-447

RESULT 346  
 US-10-011-671A-447/c

; Sequence 447, Application US/10011671A  
 ; Publication No. US20030096954A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, Christopher J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Hillan, Kenneth J.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P2830P1C27  
 ; CURRENT APPLICATION NUMBER: US/10/011,671A  
 ; CURRENT FILING DATE: 2002-06-10  
 ; Prior Application removed - See File Wrapper or Palm  
 ; NUMBER OF SEQ ID NOS: 477  
 ; SEQ ID NO 447  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic oligonucleotide probe  
 US-10-011-671A-447

QY 621 TCACACGCGCTCAGTCCCG 640  
 Db 20 TAAACACGCGCTCAGTCCGT 1

RESULT 346  
 US-10-011-671A-447/c  
 ; Sequence 447, Application US/10011671A  
 ; Publication No. US20030096954A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, Christopher J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Hillan, Kenneth J.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P2830P1C27  
 ; CURRENT APPLICATION NUMBER: US/10/011,671A  
 ; CURRENT FILING DATE: 2002-06-10  
 ; Prior Application removed - See File Wrapper or Palm  
 ; NUMBER OF SEQ ID NOS: 477  
 ; SEQ ID NO 447  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic oligonucleotide probe  
 US-10-011-671A-447

Matches	17;	Conservative	0;	Mismatches	3;	Indels	0;	Gaps	0;
Qy	621	TCAACACGCGCTCAGTCCCG	640						
Db	20	TAAACAACGCGCTCAGTCTG	1						
RESULT 344									
US-10-007-194A-447/C									
; Sequence 447, Application US/10007194A									
; Publication No. US20030092061A1									
; GENERAL INFORMATION:									
; APPLICANT: Baker, Kevin P.									
; APPLICANT: Botstein, David									
; APPLICANT: Desnoyers, Luc									
; APPLICANT: Eaton, Dan L.									
; APPLICANT: Ferrara, Napoleone									
; APPLICANT: Fong, Sherman									
; APPLICANT: Gao, Wei-Qiang									
; APPLICANT: Goddard, Audrey									
; APPLICANT: Godowski, Paul J.									
; APPLICANT: Grimaldi, Christopher J.									
; APPLICANT: Gurney, Austin L.									
; APPLICANT: Hillan, Kenneth J.									
; APPLICANT: Pan, James									
; APPLICANT: Paoni, Nicholas F.									
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic									
; TITLE OF INVENTION: Acids Encoding the Same									
; FILE REFERENCE: P2830PIC6									
; CURRENT APPLICATION NUMBER: US/10/007,194A									
; CURRENT FILING DATE: 2002-06-25									
; PRIOR APPLICATION NUMBER: 60/098716									
; PRIOR FILING DATE: 1998-09-01									
; PRIOR APPLICATION NUMBER: 60/098723									
; PRIOR FILING DATE: 1998-09-01									
; PRIOR APPLICATION NUMBER: 60/098749									
; PRIOR FILING DATE: 1998-09-01									
; PRIOR APPLICATION NUMBER: 60/098750									
; PRIOR FILING DATE: 1998-09-01									
; PRIOR APPLICATION NUMBER: 60/098803									
; PRIOR FILING DATE: 1998-09-02									
; PRIOR APPLICATION NUMBER: 60/098821									
; PRIOR FILING DATE: 1998-09-02									
; PRIOR APPLICATION NUMBER: 60/098843									
; PRIOR FILING DATE: 1998-09-02									
; PRIOR APPLICATION NUMBER: 60/099536									
; PRIOR FILING DATE: 1998-09-09									
; PRIOR APPLICATION NUMBER: 60/099596									
; PRIOR FILING DATE: 1998-09-09									
; PRIOR APPLICATION NUMBER: 60/099598									
; PRIOR FILING DATE: 1998-09-09									
; PRIOR APPLICATION NUMBER: 60/099602									
; PRIOR FILING DATE: 1998-09-09									
; PRIOR APPLICATION NUMBER: 60/099642									
; PRIOR FILING DATE: 1998-09-09									
; PRIOR APPLICATION NUMBER: 60/099741									
; PRIOR FILING DATE: 1998-09-10									
; PRIOR APPLICATION NUMBER: 60/099754									
; PRIOR FILING DATE: 1998-09-10									
; PRIOR APPLICATION NUMBER: 60/099763									
; PRIOR FILING DATE: 1998-09-10									
; PRIOR APPLICATION NUMBER: 60/099792									
; PRIOR FILING DATE: 1998-09-10									
; PRIOR APPLICATION NUMBER: 60/099808									
; PRIOR FILING DATE: 1998-09-10									
; PRIOR APPLICATION NUMBER: 60/099812									
; PRIOR FILING DATE: 1998-09-10									
; PRIOR APPLICATION NUMBER: 60/099815									
; PRIOR FILING DATE: 1998-09-10									
; PRIOR APPLICATION NUMBER: 60/099816									
; PRIOR FILING DATE: 1998-09-10									
; PRIOR APPLICATION NUMBER: 60/100385									
; PRIOR FILING DATE: 1998-09-15									
; PRIOR APPLICATION NUMBER: 60/100388									
; PRIOR FILING DATE: 1998-09-15									
; PRIOR APPLICATION NUMBER: 60/100390									
; PRIOR FILING DATE: 1998-09-15									
; PRIOR APPLICATION NUMBER: 60/100584									
; PRIOR FILING DATE: 1998-09-16									
; PRIOR APPLICATION NUMBER: 60/100627									
; PRIOR FILING DATE: 1998-09-16									
; PRIOR APPLICATION NUMBER: 60/100661									
; PRIOR FILING DATE: 1998-09-16									
; PRIOR APPLICATION NUMBER: 60/100662									
; PRIOR FILING DATE: 1998-09-16									
; PRIOR APPLICATION NUMBER: 60/100664									
; PRIOR FILING DATE: 1998-09-16									
; PRIOR APPLICATION NUMBER: 60/100683									
; PRIOR FILING DATE: 1998-09-17									
; PRIOR APPLICATION NUMBER: 60/100684									
; PRIOR FILING DATE: 1998-09-17									
; PRIOR APPLICATION NUMBER: 60/100710									
; PRIOR FILING DATE: 1998-09-17									
; PRIOR APPLICATION NUMBER: 60/100711									
; PRIOR FILING DATE: 1998-09-17									
; PRIOR APPLICATION NUMBER: 60/100848									
; PRIOR FILING DATE: 1998-09-18									
; PRIOR APPLICATION NUMBER: 60/100849									
; PRIOR FILING DATE: 1998-09-18									
; PRIOR APPLICATION NUMBER: 60/100919									
; PRIOR FILING DATE: 1998-09-17									
; PRIOR APPLICATION NUMBER: 60/100930									
; PRIOR FILING DATE: 1998-09-17									
; PRIOR APPLICATION NUMBER: 60/101014									
; PRIOR FILING DATE: 1998-09-18									
; PRIOR APPLICATION NUMBER: 60/101068									
; PRIOR FILING DATE: 1998-09-18									
; PRIOR APPLICATION NUMBER: 60/101071									
; PRIOR FILING DATE: 1998-09-18									
; PRIOR APPLICATION NUMBER: 60/101279									
; PRIOR FILING DATE: 1998-09-22									
; PRIOR APPLICATION NUMBER: 60/101471									
; PRIOR FILING DATE: 1998-09-23									
; PRIOR APPLICATION NUMBER: 60/101472									
; PRIOR FILING DATE: 1998-09-23									
; PRIOR APPLICATION NUMBER: 60/101474									
; PRIOR FILING DATE: 1998-09-23									
; PRIOR APPLICATION NUMBER: 60/101475									
; PRIOR FILING DATE: 1998-09-23									
; PRIOR APPLICATION NUMBER: 60/101476									
; PRIOR FILING DATE: 1998-09-23									
; PRIOR APPLICATION NUMBER: 60/101477									
; PRIOR FILING DATE: 1998-09-23									
; PRIOR APPLICATION NUMBER: 60/101479									
; PRIOR FILING DATE: 1998-09-23									
; PRIOR APPLICATION NUMBER: 60/101738									
; PRIOR FILING DATE: 1998-09-24									
; PRIOR APPLICATION NUMBER: 60/101741									
; PRIOR FILING DATE: 1998-09-24									
; PRIOR APPLICATION NUMBER: 60/101743									
; PRIOR FILING DATE: 1998-09-24									
; PRIOR APPLICATION NUMBER: 60/101915									

; PRIOR APPLICATION NUMBER: 60/101279  
 ; PRIOR FILING DATE: 1998-09-22  
 ; PRIOR APPLICATION NUMBER: 60/101471  
 ; PRIOR FILING DATE: 1998-09-23  
 ; PRIOR APPLICATION NUMBER: 60/101472  
 ; PRIOR FILING DATE: 1998-09-23  
 ; PRIOR APPLICATION NUMBER: 60/101474  
 ; PRIOR FILING DATE: 1998-09-23  
 ; PRIOR APPLICATION NUMBER: 60/101475  
 ; PRIOR FILING DATE: 1998-09-23  
 ; PRIOR APPLICATION NUMBER: 60/101476  
 ; PRIOR FILING DATE: 1998-09-23  
 ; PRIOR APPLICATION NUMBER: 60/101477  
 ; PRIOR FILING DATE: 1998-09-23  
 ; PRIOR APPLICATION NUMBER: 60/101479  
 ; PRIOR FILING DATE: 1998-09-23  
 ; PRIOR APPLICATION NUMBER: 60/101738  
 ; PRIOR FILING DATE: 1998-09-24  
 ; PRIOR APPLICATION NUMBER: 60/101741  
 ; PRIOR FILING DATE: 1998-09-24  
 ; PRIOR APPLICATION NUMBER: 60/101743  
 ; PRIOR FILING DATE: 1998-09-24  
 ; PRIOR APPLICATION NUMBER: 60/101915  
 ; PRIOR FILING DATE: 1998-09-24  
 ; PRIOR APPLICATION NUMBER: 60/101916  
 ; PRIOR FILING DATE: 1998-09-24  
 ; PRIOR APPLICATION NUMBER: 60/102207  
 ; PRIOR FILING DATE: 1998-09-29  
 ; PRIOR APPLICATION NUMBER: 60/102240  
 ; PRIOR FILING DATE: 1998-09-29  
 ; PRIOR APPLICATION NUMBER: 60/102307  
 ; PRIOR FILING DATE: 1998-09-29  
 ; PRIOR APPLICATION NUMBER: 60/102330  
 ; PRIOR FILING DATE: 1998-09-29  
 ; PRIOR APPLICATION NUMBER: 60/102331  
 ; PRIOR FILING DATE: 1998-09-29  
 ; PRIOR APPLICATION NUMBER: 60/102484  
 ; PRIOR FILING DATE: 1998-09-30  
 ; PRIOR APPLICATION NUMBER: 60/102487  
 ; PRIOR FILING DATE: 1998-09-30  
 ; PRIOR APPLICATION NUMBER: 60/102570  
 ; PRIOR FILING DATE: 1998-09-30  
 ; PRIOR APPLICATION NUMBER: 60/102571  
 ; PRIOR FILING DATE: 1998-09-30  
 ; PRIOR APPLICATION NUMBER: 60/102684  
 ; PRIOR FILING DATE: 1998-10-01  
 ; PRIOR APPLICATION NUMBER: 60/102687  
 ; PRIOR FILING DATE: 1998-10-01  
 ; PRIOR APPLICATION NUMBER: 60/102965  
 ; PRIOR FILING DATE: 1998-10-02  
 ; PRIOR APPLICATION NUMBER: 60/103258  
 ; PRIOR FILING DATE: 1998-10-06  
 ; PRIOR APPLICATION NUMBER: 60/103314  
 ; PRIOR FILING DATE: 1998-10-07  
 ; PRIOR APPLICATION NUMBER: 60/103315  
 ; PRIOR FILING DATE: 1998-10-07  
 ; PRIOR APPLICATION NUMBER: 60/103328  
 ; PRIOR FILING DATE: 1998-10-07  
 ; PRIOR APPLICATION NUMBER: 60/103395  
 ; PRIOR FILING DATE: 1998-10-07  
 ; PRIOR APPLICATION NUMBER: 60/103396  
 ; PRIOR FILING DATE: 1998-10-07  
 ; PRIOR APPLICATION NUMBER: 60/103401  
 ; PRIOR FILING DATE: 1998-10-07  
 ; PRIOR APPLICATION NUMBER: 60/103449  
 ; PRIOR FILING DATE: 1998-10-06  
 ; PRIOR APPLICATION NUMBER: 60/103633  
 ; PRIOR FILING DATE: 1998-10-08  
 ; PRIOR APPLICATION NUMBER: 60/103678  
 ; PRIOR FILING DATE: 1998-10-08  
 ; PRIOR APPLICATION NUMBER: 60/103679  
 ; PRIOR FILING DATE: 1998-10-08  
 ; PRIOR APPLICATION NUMBER: 60/103711

; PRIOR FILING DATE: 1998-10-08  
 ; PRIOR APPLICATION NUMBER: 60/104257  
 ; PRIOR FILING DATE: 1998-10-14  
 ; PRIOR APPLICATION NUMBER: 60/104987  
 ; PRIOR FILING DATE: 1998-10-20  
 ; PRIOR APPLICATION NUMBER: 60/105000  
 ; PRIOR FILING DATE: 1998-10-20  
 ; PRIOR APPLICATION NUMBER: 60/105002  
 ; PRIOR FILING DATE: 1998-10-20  
 ; PRIOR APPLICATION NUMBER: 60/105104  
 ; PRIOR FILING DATE: 1998-10-21  
 ; PRIOR APPLICATION NUMBER: 60/105169  
 ; PRIOR FILING DATE: 1998-10-22  
 ; PRIOR APPLICATION NUMBER: 60/105266  
 ; PRIOR FILING DATE: 1998-10-22  
 ; PRIOR APPLICATION NUMBER: 60/105693  
 ; PRIOR FILING DATE: 1998-10-26  
 ; PRIOR APPLICATION NUMBER: 60/105694  
 ; PRIOR FILING DATE: 1998-10-26  
 ; PRIOR APPLICATION NUMBER: 60/105807  
 ; PRIOR FILING DATE: 1998-10-27  
 ; PRIOR APPLICATION NUMBER: 60/105881  
 ; PRIOR FILING DATE: 1998-10-27  
 ; PRIOR APPLICATION NUMBER: 60/105882  
 ; PRIOR FILING DATE: 1998-10-27  
 ; PRIOR APPLICATION NUMBER: 60/106023  
 ; PRIOR FILING DATE: 1998-10-28

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
 Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 621 TCAACGAGGCTCAGTCCG 640  
 Db 20 TAAACAAGGCTCAGTCCG 1

RESULT 343

US-10-013-913A-447/c  
 ; Sequence 447, Application US/10013913A  
 ; Publication No. US2003083462A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan I.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, Christopher J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Hillan, Kenneth J.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; TITLE OF INVENTION: Acids Encoding the Same  
 ; FILE REFERENCE: P2830P1C40  
 ; CURRENT APPLICATION NUMBER: US/10/013,913A  
 ; CURRENT FILING DATE: 2002-07-15  
 ; Prior Application removed - See File Wrapper or Palm  
 ; NUMBER OF SEQ ID NOS: 477  
 ; SEQ ID NO 447  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic oligonucleotide probe  
 US-10-013-913A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
 Best Local Similarity 85.0%; Pred. No. 3.1e+02;

## RESULT 341

US-10-006-117A-447/c  
 ; Sequence 447, Application US/10006117A  
 ; Publication No. US20030082627A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnovers, Luc  
 ; APPLICANT: Eaton, Dan L.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, Christopher J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Hillan, Kenneth J.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P2830P1C13  
 ; CURRENT APPLICATION NUMBER: US/10/006,117A  
 ; CURRENT FILING DATE: 2002-03-19  
 ; Prior Application removed - See File Wrapper or Palm  
 ; Prior Filing Date: 2001-07-09  
 ; NUMBER OF SEQ ID NOS: 477  
 ; SEQ ID NO 447  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic oligonucleotide probe  
 US-10-006-117A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
 Best Local Similarity 85.0%; Pred. No. 3.1e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

## QY

621 TCAACGAGCGCTCAGTCCCG 640  
 Db 20 TAAACAAGCGCTCAGTCTTG 1

## RESULT 342

US-10-017-527A-447/c  
 ; Sequence 447, Application US/10017527A  
 ; Publication No. US20030082628A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnovers, Luc  
 ; APPLICANT: Eaton, Dan L.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, Christopher J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Hillan, Kenneth J.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P2830P1C63  
 ; CURRENT APPLICATION NUMBER: US/10/017,527A  
 ; CURRENT FILING DATE: 2001-12-13  
 ; Prior Application removed - See File Wrapper or Palm  
 ; Prior Filing Date: 2001-07-09  
 ; NUMBER OF SEQ ID NOS: 477  
 ; SEQ ID NO 447  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic oligonucleotide probe  
 US-10-017-527A-447

; PRIOR FILING DATE: 1998-09-01  
 ; PRIOR APPLICATION NUMBER: 60/098750  
 ; PRIOR FILING DATE: 1998-09-01  
 ; PRIOR APPLICATION NUMBER: 60/098803  
 ; PRIOR FILING DATE: 1998-09-02  
 ; PRIOR APPLICATION NUMBER: 60/098821  
 ; PRIOR FILING DATE: 1998-09-02  
 ; PRIOR APPLICATION NUMBER: 60/098843  
 ; PRIOR FILING DATE: 1998-09-02  
 ; PRIOR APPLICATION NUMBER: 60/099536  
 ; PRIOR FILING DATE: 1998-09-09  
 ; PRIOR APPLICATION NUMBER: 60/099596  
 ; PRIOR FILING DATE: 1998-09-09  
 ; PRIOR APPLICATION NUMBER: 60/099598  
 ; PRIOR FILING DATE: 1998-09-09  
 ; PRIOR APPLICATION NUMBER: 60/099602  
 ; PRIOR FILING DATE: 1998-09-09  
 ; PRIOR APPLICATION NUMBER: 60/099642  
 ; PRIOR FILING DATE: 1998-09-09  
 ; PRIOR APPLICATION NUMBER: 60/099741  
 ; PRIOR FILING DATE: 1998-09-10  
 ; PRIOR APPLICATION NUMBER: 60/099754  
 ; PRIOR FILING DATE: 1998-09-10  
 ; PRIOR APPLICATION NUMBER: 60/099763  
 ; PRIOR FILING DATE: 1998-09-10  
 ; PRIOR APPLICATION NUMBER: 60/099792  
 ; PRIOR FILING DATE: 1998-09-10  
 ; PRIOR APPLICATION NUMBER: 60/099808  
 ; PRIOR FILING DATE: 1998-09-10  
 ; PRIOR APPLICATION NUMBER: 60/099812  
 ; PRIOR FILING DATE: 1998-09-10  
 ; PRIOR APPLICATION NUMBER: 60/099815  
 ; PRIOR FILING DATE: 1998-09-10  
 ; PRIOR APPLICATION NUMBER: 60/099816  
 ; PRIOR FILING DATE: 1998-09-10  
 ; PRIOR APPLICATION NUMBER: 60/100385  
 ; PRIOR FILING DATE: 1998-09-15  
 ; PRIOR APPLICATION NUMBER: 60/100388  
 ; PRIOR FILING DATE: 1998-09-15  
 ; PRIOR APPLICATION NUMBER: 60/100390  
 ; PRIOR FILING DATE: 1998-09-15  
 ; PRIOR APPLICATION NUMBER: 60/100584  
 ; PRIOR FILING DATE: 1998-09-16  
 ; PRIOR APPLICATION NUMBER: 60/100627  
 ; PRIOR FILING DATE: 1998-09-16  
 ; PRIOR APPLICATION NUMBER: 60/100661  
 ; PRIOR FILING DATE: 1998-09-16  
 ; PRIOR APPLICATION NUMBER: 60/100662  
 ; PRIOR FILING DATE: 1998-09-16  
 ; PRIOR APPLICATION NUMBER: 60/100664  
 ; PRIOR FILING DATE: 1998-09-16  
 ; PRIOR APPLICATION NUMBER: 60/100683  
 ; PRIOR FILING DATE: 1998-09-17  
 ; PRIOR APPLICATION NUMBER: 60/100684  
 ; PRIOR FILING DATE: 1998-09-17  
 ; PRIOR APPLICATION NUMBER: 60/100710  
 ; PRIOR FILING DATE: 1998-09-17  
 ; PRIOR APPLICATION NUMBER: 60/100711  
 ; PRIOR FILING DATE: 1998-09-17  
 ; PRIOR APPLICATION NUMBER: 60/100848  
 ; PRIOR FILING DATE: 1998-09-18  
 ; PRIOR APPLICATION NUMBER: 60/100849  
 ; PRIOR FILING DATE: 1998-09-18  
 ; PRIOR APPLICATION NUMBER: 60/100919  
 ; PRIOR FILING DATE: 1998-09-17  
 ; PRIOR APPLICATION NUMBER: 60/100930  
 ; PRIOR FILING DATE: 1998-09-17  
 ; PRIOR APPLICATION NUMBER: 60/101014  
 ; PRIOR FILING DATE: 1998-09-18  
 ; PRIOR APPLICATION NUMBER: 60/101068  
 ; PRIOR FILING DATE: 1998-09-18  
 ; PRIOR APPLICATION NUMBER: 60/101071  
 ; PRIOR FILING DATE: 1998-09-18

```
, PRIOR APPLICATION NUMBER: 60/100388
, PRIOR FILING DATE: 1998-09-15
, PRIOR APPLICATION NUMBER: 60/100390
, PRIOR FILING DATE: 1998-09-15
, PRIOR APPLICATION NUMBER: 60/100584
, PRIOR FILING DATE: 1998-09-16
, PRIOR APPLICATION NUMBER: 60/100627
, PRIOR FILING DATE: 1998-09-16
, PRIOR APPLICATION NUMBER: 60/100661
, PRIOR FILING DATE: 1998-09-16
, PRIOR APPLICATION NUMBER: 60/100662
, PRIOR FILING DATE: 1998-09-16
, PRIOR APPLICATION NUMBER: 60/100664
, PRIOR FILING DATE: 1998-09-16
, PRIOR APPLICATION NUMBER: 60/100683
, PRIOR FILING DATE: 1998-09-17
, PRIOR APPLICATION NUMBER: 60/100684
, PRIOR FILING DATE: 1998-09-17
, PRIOR APPLICATION NUMBER: 60/100710
, PRIOR FILING DATE: 1998-09-17
, PRIOR APPLICATION NUMBER: 60/100711
, PRIOR FILING DATE: 1998-09-17
, PRIOR APPLICATION NUMBER: 60/100848
, PRIOR FILING DATE: 1998-09-18
, PRIOR APPLICATION NUMBER: 60/100849
, PRIOR FILING DATE: 1998-09-18
, PRIOR APPLICATION NUMBER: 60/100919
, PRIOR FILING DATE: 1998-09-17
, PRIOR APPLICATION NUMBER: 60/100930
, PRIOR FILING DATE: 1998-09-17
, PRIOR APPLICATION NUMBER: 60/101014
, PRIOR FILING DATE: 1998-09-18
, PRIOR APPLICATION NUMBER: 60/101068
, PRIOR FILING DATE: 1998-09-18
, PRIOR APPLICATION NUMBER: 60/101071
, PRIOR FILING DATE: 1998-09-18
, PRIOR APPLICATION NUMBER: 60/101279
, PRIOR FILING DATE: 1998-09-22
, PRIOR APPLICATION NUMBER: 60/101471
, PRIOR FILING DATE: 1998-09-23
, PRIOR APPLICATION NUMBER: 60/101472
, PRIOR FILING DATE: 1998-09-23
, PRIOR APPLICATION NUMBER: 60/101474
, PRIOR FILING DATE: 1998-09-23
, PRIOR APPLICATION NUMBER: 60/101475
, PRIOR FILING DATE: 1998-09-23
, PRIOR APPLICATION NUMBER: 60/101476
, PRIOR FILING DATE: 1998-09-23
, PRIOR APPLICATION NUMBER: 60/101477
, PRIOR FILING DATE: 1998-09-23
, PRIOR APPLICATION NUMBER: 60/101479
, PRIOR FILING DATE: 1998-09-23
, PRIOR APPLICATION NUMBER: 60/101738
, PRIOR FILING DATE: 1998-09-24
, PRIOR APPLICATION NUMBER: 60/101741
, PRIOR FILING DATE: 1998-09-24
, PRIOR APPLICATION NUMBER: 60/101743
, PRIOR FILING DATE: 1998-09-24
, PRIOR APPLICATION NUMBER: 60/101915
, PRIOR FILING DATE: 1998-09-24
, PRIOR APPLICATION NUMBER: 60/101916
, PRIOR FILING DATE: 1998-09-24
, PRIOR APPLICATION NUMBER: 60/102207
, PRIOR FILING DATE: 1998-09-29
, PRIOR APPLICATION NUMBER: 60/102240
, PRIOR FILING DATE: 1998-09-29
, PRIOR APPLICATION NUMBER: 60/102307
, PRIOR FILING DATE: 1998-09-29
, PRIOR APPLICATION NUMBER: 60/102330
, PRIOR FILING DATE: 1998-09-29
, PRIOR APPLICATION NUMBER: 60/102331
, PRIOR FILING DATE: 1998-09-29
, PRIOR APPLICATION NUMBER: 60/102484
```

Query Match 1.4%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 3.1e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```
Qy      621 TCACCCAGCGCTCAGTCCCG 640
      |||||
Db      20 TAAACAAGCGCTCAGTCCCTG 1
```

```
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan I.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2830P1C45
/ CURRENT APPLICATION NUMBER: US/10/015,869A
/ CURRENT FILING DATE: 2002-06-25
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 447
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-869A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCACACGCGCTCAGTCCCG 640
Db 20 TAAACAGCGCTCAGTCCCTG 1

RESULT 339
US-10-012-121A-447/c
/ Sequence 447, Application US/10012121A
/ Publication No. US20030073810A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan I.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2830P1C20
/ CURRENT APPLICATION NUMBER: US/10/012,121A
/ CURRENT FILING DATE: 2001-12-07
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 447
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-121A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
```

```
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCACACGCGCTCAGTCCCG 640
Db 20 TAAACAGCGCTCAGTCCCTG 1

RESULT 340
US-10-006-116A-447/c
/ Sequence 447, Application US/10006116A
/ Publication No. US20030082626A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan I.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2830P1C15
/ CURRENT APPLICATION NUMBER: US/10/006,116A
/ CURRENT FILING DATE: 2001-12-16
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 447
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-116A-447
```

```
; PRIOR FILING DATE: 1998-10-28
Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCAACGAGCGCTCAGTCCCG 640
DB 20 TAAACAAGCGCTCAGTCCTG 1

RESULT 335
US-10-006-856A-447/c
; Sequence 447, Application US/10006856A
; Publication No. US20030044841A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C14
; CURRENT APPLICATION NUMBER: US/10/006,856A
; CURRENT FILING DATE: 2002-05-10
; NUMBER OF SEQ ID NOS: 477
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-856A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCAACGAGCGCTCAGTCCCG 640
DB 20 TAAACAAGCGCTCAGTCCTG 1

RESULT 336
US-10-006-818A-447/c
; Sequence 447, Application US/10006818A
; Publication No. US20030054406A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
```

```
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C4
; CURRENT APPLICATION NUMBER: US/10/006,818A
; CURRENT FILING DATE: 2001-12-06
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-818A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCAACGAGCGCTCAGTCCCG 640
DB 20 TAAACAAGCGCTCAGTCCTG 1

RESULT 337
US-10-015-393A-447/c
; Sequence 447, Application US/10015393A
; Publication No. US20030089179A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C46
; CURRENT APPLICATION NUMBER: US/10/015,393A
; CURRENT FILING DATE: 2002-06-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-393A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCAACGAGCGCTCAGTCCCG 640
DB 20 TAAACAAGCGCTCAGTCCTG 1

RESULT 338
US-10-015-869A-447/c
; Sequence 447, Application US/10015869A
; Publication No. US20030073130A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
```

7	PRIOR APPLICATION NUMBER: 60/102020
8	PRIOR FILING DATE: 1998-09-29
9	PRIOR APPLICATION NUMBER: 60/102024
10	PRIOR FILING DATE: 1998-09-29
11	PRIOR APPLICATION NUMBER: 60/102037
12	PRIOR FILING DATE: 1998-09-29
13	PRIOR APPLICATION NUMBER: 60/102330
14	PRIOR FILING DATE: 1998-09-29
15	PRIOR APPLICATION NUMBER: 60/102331
16	PRIOR FILING DATE: 1998-09-29
17	PRIOR APPLICATION NUMBER: 60/102484
18	PRIOR FILING DATE: 1998-09-30
19	PRIOR APPLICATION NUMBER: 60/102487
20	PRIOR FILING DATE: 1998-09-30
21	PRIOR APPLICATION NUMBER: 60/102570
22	PRIOR FILING DATE: 1998-09-30
23	PRIOR APPLICATION NUMBER: 60/102571
24	PRIOR FILING DATE: 1998-09-30
25	PRIOR APPLICATION NUMBER: 60/102684
26	PRIOR FILING DATE: 1998-10-01
27	PRIOR APPLICATION NUMBER: 60/102687
28	PRIOR FILING DATE: 1998-10-01
29	PRIOR APPLICATION NUMBER: 60/102965
30	PRIOR FILING DATE: 1998-10-02
31	PRIOR APPLICATION NUMBER: 60/103258
32	PRIOR FILING DATE: 1998-10-06
33	PRIOR APPLICATION NUMBER: 60/103314
34	PRIOR FILING DATE: 1998-10-07
35	PRIOR APPLICATION NUMBER: 60/103315
36	PRIOR FILING DATE: 1998-10-07
37	PRIOR APPLICATION NUMBER: 60/103328
38	PRIOR FILING DATE: 1998-10-07
39	PRIOR APPLICATION NUMBER: 60/103395
40	PRIOR FILING DATE: 1998-10-07
41	PRIOR APPLICATION NUMBER: 60/103396
42	PRIOR FILING DATE: 1998-10-07
43	PRIOR APPLICATION NUMBER: 60/103401
44	PRIOR FILING DATE: 1998-10-07
45	PRIOR APPLICATION NUMBER: 60/103449
46	PRIOR FILING DATE: 1998-10-06
47	PRIOR APPLICATION NUMBER: 60/103633
48	PRIOR FILING DATE: 1998-10-08
49	PRIOR APPLICATION NUMBER: 60/103678
50	PRIOR FILING DATE: 1998-10-08
51	PRIOR APPLICATION NUMBER: 60/103679
52	PRIOR FILING DATE: 1998-10-08
53	PRIOR APPLICATION NUMBER: 60/103711
54	PRIOR FILING DATE: 1998-10-08
55	PRIOR APPLICATION NUMBER: 60/104257
56	PRIOR FILING DATE: 1998-10-14
57	PRIOR APPLICATION NUMBER: 60/104987
58	PRIOR FILING DATE: 1998-10-20
59	PRIOR APPLICATION NUMBER: 60/105000
60	PRIOR FILING DATE: 1998-10-20
61	PRIOR APPLICATION NUMBER: 60/105002
62	PRIOR FILING DATE: 1998-10-20
63	PRIOR APPLICATION NUMBER: 60/105104
64	PRIOR FILING DATE: 1998-10-21
65	PRIOR APPLICATION NUMBER: 60/105169
66	PRIOR FILING DATE: 1998-10-22
67	PRIOR APPLICATION NUMBER: 60/105266
68	PRIOR FILING DATE: 1998-10-22
69	PRIOR APPLICATION NUMBER: 60/105693
70	PRIOR FILING DATE: 1998-10-26
71	PRIOR APPLICATION NUMBER: 60/105694
72	PRIOR FILING DATE: 1998-10-26
73	PRIOR APPLICATION NUMBER: 60/105807
74	PRIOR FILING DATE: 1998-10-27
75	PRIOR APPLICATION NUMBER: 60/105881
76	PRIOR FILING DATE: 1998-10-27
77	PRIOR APPLICATION NUMBER: 60/105882
78	PRIOR FILING DATE: 1998-10-27
79	PRIOR APPLICATION NUMBER: 60/106023

```

QY 621 TCACACGCGCTCAGTCCG 640
Db 20 TAAACAAGCGCTCAGTCTG 1

RESULT 332
US-10-015-519A-447/c
; Sequence 447, Application US/10015519A
; Publication No. US20030203401A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC9
; CURRENT APPLICATION NUMBER: US/10/015,519A
; Prior Filing Date: 2002-06-25
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-519A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCACACGCGCTCAGTCCG 640
Db 20 TAAACAAGCGCTCAGTCTG 1

RESULT 333
US-10-015-390A-447/c
; Sequence 447, Application US/10015390A
; Publication No. US20030216562A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC53
; CURRENT APPLICATION NUMBER: US/10/015,390A
; Prior Filing Date: 2002-07-15
; Prior Application removed - See File Wrapper or Palm

```

```

; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-390A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCACACGCGCTCAGTCCG 640
Db 20 TAAACAAGCGCTCAGTCTG 1

RESULT 334
US-10-006-746A-447/c
; Sequence 447, Application US/10006746A
; Publication No. US20030220471A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC5
; CURRENT APPLICATION NUMBER: US/10/006,746A
; Prior Filing Date: 2001-12-06
; Prior Application Number: 60/098716
; Prior Filing Date: 1998-09-01
; Prior Application Number: 60/098723
; Prior Filing Date: 1998-09-01
; Prior Application Number: 60/098749
; Prior Filing Date: 1998-09-01
; Prior Application Number: 60/098750
; Prior Filing Date: 1998-09-01
; Prior Application Number: 60/098803
; Prior Filing Date: 1998-09-02
; Prior Application Number: 60/098821
; Prior Filing Date: 1998-09-02
; Prior Application Number: 60/098843
; Prior Filing Date: 1998-09-02
; Prior Application Number: 60/099536
; Prior Filing Date: 1998-09-09
; Prior Application Number: 60/099596
; Prior Filing Date: 1998-09-09
; Prior Application Number: 60/099598
; Prior Filing Date: 1998-09-09
; Prior Application Number: 60/099602
; Prior Filing Date: 1998-09-09
; Prior Application Number: 60/099642
; Prior Filing Date: 1998-09-09
; Prior Application Number: 60/099741
; Prior Filing Date: 1998-09-10
; Prior Application Number: 60/099754
; Prior Filing Date: 1998-09-10
; Prior Application Number: 60/099763
; Prior Filing Date: 1998-09-10
; Prior Application Number: 60/099792

```

; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-013-915A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCAACGAGCGCTCAGTCCCG 640  
| | | | | | | | | | | | | | | | | | | | | |  
Db 20 TAAACAGCGCTCAGTCTG 1

RESULT 331  
US-10-015-394A-447/c  
; Sequence 447, Application US/10015394A  
; Publication No. US20030204054A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan I.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2830F1C41  
; CURRENT APPLICATION NUMBER: US/10/015.394A  
; CURRENT FILING DATE: 2001-12-11  
; PRIOR APPLICATION NUMBER: 60/098716  
; PRIOR FILING DATE: 1998-09-01  
; PRIOR APPLICATION NUMBER: 60/098723  
; PRIOR FILING DATE: 1998-09-01  
; PRIOR APPLICATION NUMBER: 60/098749  
; PRIOR FILING DATE: 1998-09-01  
; PRIOR APPLICATION NUMBER: 60/098750  
; PRIOR FILING DATE: 1998-09-01  
; PRIOR APPLICATION NUMBER: 60/098803  
; PRIOR FILING DATE: 1998-09-02  
; PRIOR APPLICATION NUMBER: 60/098821  
; PRIOR FILING DATE: 1998-09-02  
; PRIOR APPLICATION NUMBER: 60/098843  
; PRIOR FILING DATE: 1998-09-02  
; PRIOR APPLICATION NUMBER: 60/099536  
; PRIOR FILING DATE: 1998-09-09  
; PRIOR APPLICATION NUMBER: 60/099596  
; PRIOR FILING DATE: 1998-09-09  
; PRIOR APPLICATION NUMBER: 60/099598  
; PRIOR FILING DATE: 1998-09-09  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 477  
; SEQ ID NO 447  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-015-394A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-015-389A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCAACGAGCGCTCAGTCCCG 640  
| | | | | | | | | | | | | | | | | | | | | |  
Db 20 TAAACAGCGCTCAGTCTG 1

RESULT 329  
US-10-126-355-63  
; Sequence 63, Application US/10126355  
; Publication No. US20030198965A1  
; GENERAL INFORMATION:  
; APPLICANT: Susan M. Freier  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HYDROXYSTEROID  
; FILE REFERENCE: RTS-0428  
; CURRENT APPLICATION NUMBER: US/10/126,355  
; CURRENT FILING DATE: 2002-04-19  
; NUMBER OF SEQ ID NOS: 122  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 63  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-126-355-63

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 458 CCAGGAGAGCTCCAGGAC 477  
| | | | | | | | | | | | | | | | | | | | | |  
Db 1 CCAGGAGAGCTCCAGGATC 20

RESULT 330  
US-10-013-915A-447/c  
; Sequence 447, Application US/10013915A  
; Publication No. US20030204053A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan I.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2830F1C37  
; CURRENT APPLICATION NUMBER: US/10/013.915A  
; CURRENT FILING DATE: 2002-06-25  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 477  
; SEQ ID NO 447  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-013-915A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC17
; CURRENT APPLICATION NUMBER: US/10/012,753A
; CURRENT FILING DATE: 2001-12-07
; Prior application removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-753A-447

Query Match          1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      621 TCAACACGCGCTCAGTCCCG 640
      |||||
Db      20 TAAACACGCGCTCAGTCTCTG 1

RESULT 326
US-10-015-385A-447/c
; Sequence 447, Application US/10015385A
; Publication No. US20030195347A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC51
; CURRENT APPLICATION NUMBER: US/10/015,385A
; CURRENT FILING DATE: 2002-07-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-385A-447

Query Match          1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      621 TCAACACGCGCTCAGTCCCG 640
      |||||
Db      20 TAAACACGCGCTCAGTCTCTG 1

RESULT 328
US-10-015-389A-447/c
; Sequence 447, Application US/10015389A
; Publication No. US20030199675A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC48
; CURRENT APPLICATION NUMBER: US/10/015,389A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-389A-447

Query Match          1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      621 TCAACACGCGCTCAGTCCCG 640
      |||||
Db      20 TAAACACGCGCTCAGTCTCTG 1
```

```

RESULT 327
US-10-007-236A-447/c
; Sequence 447, Application US/10007236A
; Publication No. US20030198993A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC12
; CURRENT APPLICATION NUMBER: US/10/007,236A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-007-236A-447

Query Match          1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      621 TCAACACGCGCTCAGTCCCG 640
      |||||
Db      20 TAAACACGCGCTCAGTCTCTG 1

RESULT 328
US-10-015-389A-447/c
; Sequence 447, Application US/10015389A
; Publication No. US20030199675A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC48
; CURRENT APPLICATION NUMBER: US/10/015,389A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-389A-447

Query Match          1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      621 TCAACACGCGCTCAGTCCCG 640
      |||||
Db      20 TAAACACGCGCTCAGTCTCTG 1
```

QY 621 TCACACGCGCTCAGTCCCG 640  
Db 20 TAAACAAGCGCTCAGTCTCG 1

RESULT 322  
US-10-015-388A-447/c  
; Sequence 447, Application US/10015388A  
; Publication No. US20030191299A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnovers, Luc  
; APPLICANT: Eaton, Dan I.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2830PIC44  
; CURRENT APPLICATION NUMBER: US/10/015,388A  
; CURRENT FILING DATE: 2002-07-15  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 477  
; SEQ ID NO 447  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-015-388A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCACACGCGCTCAGTCCCG 640  
Db 20 TAAACAAGCGCTCAGTCTCG 1

RESULT 324  
US-10-015-715A-447/c  
; Sequence 447, Application US/10015715A  
; Publication No. US20030190668A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnovers, Luc  
; APPLICANT: Eaton, Dan I.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2830PIC56  
; CURRENT APPLICATION NUMBER: US/10/015,715A  
; CURRENT FILING DATE: 2002-06-25  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 477  
; SEQ ID NO 447  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-015-715A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCACACGCGCTCAGTCCCG 640  
Db 20 TAAACAAGCGCTCAGTCTCG 1

RESULT 325  
US-10-012-753A-447/c  
; Sequence 447, Application US/10012753A  
; Publication No. US20030195334A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnovers, Luc  
; APPLICANT: Eaton, Dan I.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman

QY 621 TCACACGCGCTCAGTCCCG 640  
Db 20 TAAACAAGCGCTCAGTCTCG 1

RESULT 322  
US-10-015-388A-447/c  
; Sequence 447, Application US/10015388A  
; Publication No. US20030191299A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnovers, Luc  
; APPLICANT: Eaton, Dan I.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2830PIC44  
; CURRENT APPLICATION NUMBER: US/10/015,388A  
; CURRENT FILING DATE: 2002-07-15  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 477  
; SEQ ID NO 447  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-015-388A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCACACGCGCTCAGTCCCG 640  
Db 20 TAAACAAGCGCTCAGTCTCG 1

RESULT 323  
US-10-015-480A-447/c  
; Sequence 447, Application US/10015480A  
; Publication No. US20030190667A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnovers, Luc  
; APPLICANT: Eaton, Dan I.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2830PIC50  
; CURRENT APPLICATION NUMBER: US/10/015,480A  
; CURRENT FILING DATE: 2002-06-25

1	PRIOR FILING DATE: 1998-09-29	
2	PRIOR APPLICATION NUMBER: 60/102330	
3	PRIOR FILING DATE: 1998-09-29	
4	PRIOR APPLICATION NUMBER: 60/102331	
5	PRIOR FILING DATE: 1998-09-29	
6	PRIOR APPLICATION NUMBER: 60/102484	
7	PRIOR FILING DATE: 1998-09-30	
8	PRIOR APPLICATION NUMBER: 60/102487	
9	PRIOR FILING DATE: 1998-09-30	
10	PRIOR APPLICATION NUMBER: 60/102570	
11	PRIOR FILING DATE: 1998-09-30	
12	PRIOR APPLICATION NUMBER: 60/102571	
13	PRIOR FILING DATE: 1998-09-30	
14	PRIOR APPLICATION NUMBER: 60/102684	
15	PRIOR FILING DATE: 1998-10-01	
16	PRIOR APPLICATION NUMBER: 60/102687	
17	PRIOR FILING DATE: 1998-10-01	
18	PRIOR APPLICATION NUMBER: 60/102965	
19	PRIOR FILING DATE: 1998-10-02	
20	PRIOR APPLICATION NUMBER: 60/103258	
21	PRIOR FILING DATE: 1998-10-06	
22	PRIOR APPLICATION NUMBER: 60/103314	
23	PRIOR FILING DATE: 1998-10-07	
24	PRIOR APPLICATION NUMBER: 60/103315	
25	PRIOR FILING DATE: 1998-10-07	
26	PRIOR APPLICATION NUMBER: 60/103328	
27	PRIOR FILING DATE: 1998-10-07	
28	PRIOR APPLICATION NUMBER: 60/103395	
29	PRIOR FILING DATE: 1998-10-07	
30	PRIOR APPLICATION NUMBER: 60/103396	
31	PRIOR FILING DATE: 1998-10-07	
32	PRIOR APPLICATION NUMBER: 60/103678	
33	PRIOR FILING DATE: 1998-10-08	
34	PRIOR APPLICATION NUMBER: 60/103401	
35	PRIOR FILING DATE: 1998-10-07	
36	PRIOR APPLICATION NUMBER: 60/103449	
37	PRIOR FILING DATE: 1998-10-06	
38	PRIOR APPLICATION NUMBER: 60/103633	
39	PRIOR FILING DATE: 1998-10-08	
40	PRIOR APPLICATION NUMBER: 60/103678	
41	PRIOR FILING DATE: 1998-10-08	
42	PRIOR APPLICATION NUMBER: 60/103679	
43	PRIOR FILING DATE: 1998-10-08	
44	PRIOR APPLICATION NUMBER: 60/103711	
45	PRIOR FILING DATE: 1998-10-08	
46	PRIOR APPLICATION NUMBER: 60/104257	
47	PRIOR FILING DATE: 1998-10-14	
48	PRIOR APPLICATION NUMBER: 60/104987	
49	PRIOR FILING DATE: 1998-10-20	
50	PRIOR APPLICATION NUMBER: 60/105000	
51	PRIOR FILING DATE: 1998-10-20	
52	PRIOR APPLICATION NUMBER: 60/105002	
53	PRIOR FILING DATE: 1998-10-20	
54	PRIOR APPLICATION NUMBER: 60/105104	
55	PRIOR FILING DATE: 1998-10-21	
56	PRIOR APPLICATION NUMBER: 60/105169	
57	PRIOR FILING DATE: 1998-10-22	
58	PRIOR APPLICATION NUMBER: 60/105266	
59	PRIOR FILING DATE: 1998-10-22	
60	PRIOR APPLICATION NUMBER: 60/105633	
61	PRIOR FILING DATE: 1998-10-26	
62	PRIOR APPLICATION NUMBER: 60/105694	
63	PRIOR FILING DATE: 1998-10-26	
64	PRIOR APPLICATION NUMBER: 60/105807	
65	PRIOR FILING DATE: 1998-10-27	
66	PRIOR APPLICATION NUMBER: 60/105881	
67	PRIOR FILING DATE: 1998-10-27	
68	PRIOR APPLICATION NUMBER: 60/105882	
69	PRIOR FILING DATE: 1998-10-27	
70	PRIOR APPLICATION NUMBER: 60/106023	
71	PRIOR FILING DATE: 1998-10-28	

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels

RESULT 319  
US-10-015-671A-447/c  
; Sequence 447, Application US/10015671A  
; Publication No. US20030186319A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnovers, Luc  
; APPLICANT: Eaton, Dan I.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2830PIC47  
; CURRENT APPLICATION NUMBER: US/10/015,671A  
; CURRENT FILING DATE: 2001-12-11  
; Prior application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 477  
; SEQ ID NO 447  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-015-671A-447  
Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e-02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 621 TCAACGAGGCTCAGTCCCG 640  
DB 20 TAAACAAGGCTCAGTCTCTG 1  
RESULT 320  
US-10-012-237A-447/c  
; Sequence 447, Application US/10012237A  
; Publication No. US20030191281A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnovers, Luc  
; APPLICANT: Eaton, Dan I.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2830PIC21  
; CURRENT APPLICATION NUMBER: US/10/012,237A  
; CURRENT FILING DATE: 2002-06-10  
; Prior application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 477  
; SEQ ID NO 447  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence

; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-012-237A-447  
Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e-02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 621 TCAACGAGGCTCAGTCCCG 640  
DB 20 TAAACAAGGCTCAGTCTCTG 1  
RESULT 321  
US-10-013-906A-447/c  
; Sequence 447, Application US/10013906A  
; Publication No. US20030191282A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnovers, Luc  
; APPLICANT: Eaton, Dan I.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2830PIC36  
; CURRENT APPLICATION NUMBER: US/10/013,906A  
; CURRENT FILING DATE: 2002-06-10  
; PRIOR APPLICATION NUMBER: 60/098716  
; PRIOR FILING DATE: 1998-09-01  
; PRIOR APPLICATION NUMBER: 60/098723  
; PRIOR FILING DATE: 1998-09-01  
; PRIOR APPLICATION NUMBER: 60/098749  
; PRIOR FILING DATE: 1998-09-01  
; PRIOR APPLICATION NUMBER: 60/098750  
; PRIOR FILING DATE: 1998-09-01  
; PRIOR APPLICATION NUMBER: 60/098803  
; PRIOR FILING DATE: 1998-09-02  
; PRIOR APPLICATION NUMBER: 60/098821  
; PRIOR FILING DATE: 1998-09-02  
; PRIOR APPLICATION NUMBER: 60/098843  
; PRIOR FILING DATE: 1998-09-02  
; PRIOR APPLICATION NUMBER: 60/099536  
; PRIOR FILING DATE: 1998-09-09  
; PRIOR APPLICATION NUMBER: 60/099596  
; PRIOR FILING DATE: 1998-09-09  
; PRIOR APPLICATION NUMBER: 60/099598  
; PRIOR FILING DATE: 1998-09-09  
; PRIOR APPLICATION NUMBER: 60/099602  
; PRIOR FILING DATE: 1998-09-09  
; PRIOR APPLICATION NUMBER: 60/099642  
; PRIOR FILING DATE: 1998-09-09  
; PRIOR APPLICATION NUMBER: 60/099741  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/099754  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/099763  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/099792  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/099808  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/099812  
; PRIOR FILING DATE: 1998-09-10

```

; CURRENT FILING DATE: 2001-12-10
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-912A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      621 TCACACGCGCTCAGTCCCG 640
Db      20 TAAACACGCGCTCAGTCCCTG 1

RESULT 317
US-10-015-610A-447/c
; Sequence 447, Application US/10015610A
; Publication No. US20030186361A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC52
; CURRENT APPLICATION NUMBER: US/10/015,610A
; CURRENT FILING DATE: 2001-12-12
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-912A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      621 TCACACGCGCTCAGTCCCG 640
Db      20 TAAACACGCGCTCAGTCCCTG 1

RESULT 317
US-10-015-610A-447/c
; Sequence 447, Application US/10015610A
; Publication No. US20030186361A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC52
; CURRENT APPLICATION NUMBER: US/10/015,610A
; CURRENT FILING DATE: 2001-12-12
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-610A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      621 TCACACGCGCTCAGTCCCG 640
Db      20 TAAACACGCGCTCAGTCCCTG 1

RESULT 318
US-10-015-653A-447/c
; Sequence 447, Application US/10015653A
; Publication No. US20030187195A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC43
; CURRENT APPLICATION NUMBER: US/10/015,653A
; CURRENT FILING DATE: 2002-06-25
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-653A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      621 TCACACGCGCTCAGTCCCG 640
Db      20 TAAACACGCGCTCAGTCCCTG 1

RESULT 318
US-10-015-653A-447/c
; Sequence 447, Application US/10015653A
; Publication No. US20030187195A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC43
; CURRENT APPLICATION NUMBER: US/10/015,653A
; CURRENT FILING DATE: 2002-06-25
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-653A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      621 TCACACGCGCTCAGTCCCG 640
Db      20 TAAACACGCGCTCAGTCCCTG 1
```

; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/100849
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/100919
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100930
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/101014
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/101068
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/101071
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/101279
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: 60/101471
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101472
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101474
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101475
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101476
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101477
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101479
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101738
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101741
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101743
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101915
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101916
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/102207
; PRIOR FILING DATE: 1998-09-29
; PRIOR APPLICATION NUMBER: 60/102240
; PRIOR FILING DATE: 1998-09-29
; PRIOR APPLICATION NUMBER: 60/102307
; PRIOR FILING DATE: 1998-09-29
; PRIOR APPLICATION NUMBER: 60/102330
; PRIOR FILING DATE: 1998-09-29
; PRIOR APPLICATION NUMBER: 60/102331
; PRIOR FILING DATE: 1998-09-29
; PRIOR APPLICATION NUMBER: 60/102484
; PRIOR FILING DATE: 1998-09-30
; PRIOR APPLICATION NUMBER: 60/102487
; PRIOR FILING DATE: 1998-09-30
; PRIOR APPLICATION NUMBER: 60/102570
; PRIOR FILING DATE: 1998-09-30
; PRIOR APPLICATION NUMBER: 60/102571
; PRIOR FILING DATE: 1998-09-30
; PRIOR APPLICATION NUMBER: 60/102684
; PRIOR FILING DATE: 1998-10-01
; PRIOR APPLICATION NUMBER: 60/102687
; PRIOR FILING DATE: 1998-10-01
; PRIOR APPLICATION NUMBER: 60/102965
; PRIOR FILING DATE: 1998-10-02
; PRIOR APPLICATION NUMBER: 60/103258
; PRIOR FILING DATE: 1998-10-06
; PRIOR APPLICATION NUMBER: 60/103314
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103315
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103328
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103395
; PRIOR FILING DATE: 1998-10-07

; PRIOR APPLICATION NUMBER: 60/103396
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103401
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103449
; PRIOR FILING DATE: 1998-10-06
; PRIOR APPLICATION NUMBER: 60/103633
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103678
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103679
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103711
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/104257
; PRIOR FILING DATE: 1998-10-14
; PRIOR APPLICATION NUMBER: 60/104987
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105000
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105002
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105104
; PRIOR FILING DATE: 1998-10-21
; PRIOR APPLICATION NUMBER: 60/105169
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105266
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105693
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105694
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105807
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105881
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105882
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/106023
; PRIOR FILING DATE: 1998-10-28

Query Match 1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred.No.3.le+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 621 TCAACAGCGCTCAGTCCCG 640
Db 20 TAAACAGCGCTCAGTCTG 1

RESULT 316

US-10-013-912A-447/c
; Sequence 447, Application US/10013912A
; Publication No. US20030187194A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoli, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C32
; CURRENT APPLICATION NUMBER: US/10/013.912A

ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-013-909A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 621 TCACACGCGCTCAGTCCCG 640  
Db 20 TAAACAGCGCTCAGTCTCG 1

## RESULT 314

US-10-013-910A-447/c  
Sequence 447, Application US/10013910A  
Publication No. US20030187192A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan I.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2830PIC33  
CURRENT APPLICATION NUMBER: US/10/013.910A  
CURRENT FILING DATE: 2002-06-25  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 477  
SEQ ID NO 447  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-013-910A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 621 TCACACGCGCTCAGTCCCG 640  
Db 20 TAAACAGCGCTCAGTCTCG 1

## RESULT 315

US-10-013-911A-447/c  
Sequence 447, Application US/10013911A  
Publication No. US20030187193A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan I.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2830PIC33  
CURRENT APPLICATION NUMBER: US/10/013.911A  
CURRENT FILING DATE: 2001-12-10  
PRIOR APPLICATION NUMBER: 60/098716  
PRIOR FILING DATE: 1998-09-01  
PRIOR APPLICATION NUMBER: 60/098723  
PRIOR FILING DATE: 1998-09-01  
PRIOR APPLICATION NUMBER: 60/098749  
PRIOR FILING DATE: 1998-09-01  
PRIOR APPLICATION NUMBER: 60/098750  
PRIOR FILING DATE: 1998-09-01  
PRIOR APPLICATION NUMBER: 60/098803  
PRIOR FILING DATE: 1998-09-02  
PRIOR APPLICATION NUMBER: 60/098821  
PRIOR FILING DATE: 1998-09-02  
PRIOR APPLICATION NUMBER: 60/098843  
PRIOR FILING DATE: 1998-09-02  
PRIOR APPLICATION NUMBER: 60/099536  
PRIOR FILING DATE: 1998-09-09  
PRIOR APPLICATION NUMBER: 60/099596  
PRIOR FILING DATE: 1998-09-09  
PRIOR APPLICATION NUMBER: 60/099598  
PRIOR FILING DATE: 1998-09-09  
PRIOR APPLICATION NUMBER: 60/099602  
PRIOR FILING DATE: 1998-09-09  
PRIOR APPLICATION NUMBER: 60/099642  
PRIOR FILING DATE: 1998-09-09  
PRIOR APPLICATION NUMBER: 60/099741  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/099754  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/099763  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/099792  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/099808  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/099812  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/099815  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/099816  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/100385  
PRIOR FILING DATE: 1998-09-15  
PRIOR APPLICATION NUMBER: 60/100388  
PRIOR FILING DATE: 1998-09-15  
PRIOR APPLICATION NUMBER: 60/100390  
PRIOR FILING DATE: 1998-09-15  
PRIOR APPLICATION NUMBER: 60/100584  
PRIOR FILING DATE: 1998-09-16  
PRIOR APPLICATION NUMBER: 60/100627  
PRIOR FILING DATE: 1998-09-16  
PRIOR APPLICATION NUMBER: 60/100661  
PRIOR FILING DATE: 1998-09-16  
PRIOR APPLICATION NUMBER: 60/100662  
PRIOR FILING DATE: 1998-09-16  
PRIOR APPLICATION NUMBER: 60/100664  
PRIOR FILING DATE: 1998-09-16  
PRIOR APPLICATION NUMBER: 60/100683  
PRIOR FILING DATE: 1998-09-17  
PRIOR APPLICATION NUMBER: 60/100684  
PRIOR FILING DATE: 1998-09-17  
PRIOR APPLICATION NUMBER: 60/100710  
PRIOR FILING DATE: 1998-09-17  
PRIOR APPLICATION NUMBER: 60/100711  
PRIOR FILING DATE: 1998-09-17  
PRIOR APPLICATION NUMBER: 60/100848





```
/ PRIOR APPLICATION NUMBER: 60/099536
/ PRIOR FILING DATE: 1998-09-09
/ PRIOR APPLICATION NUMBER: 60/099596
/ PRIOR FILING DATE: 1998-09-09
/ PRIOR APPLICATION NUMBER: 60/099598
/ PRIOR FILING DATE: 1998-09-09
/ PRIOR APPLICATION data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 447
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-064A-447

Query Match          1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.le-02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TCAACGAGCGCTCAGTCGCG 640
    ||||| ||||| ||||| |||||
Db 20 TAACACGAGCGCTCAGTCCTG 1

RESULT 308
US-10-017-867A-447/c
/ Sequence 447, Application US/10017867A
/ Publication No. US20030180792A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan I.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Guiney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P28301C60
/ CURRENT APPLICATION NUMBER: US/10/017,867A
/ CURRENT FILING DATE: 2001-12-13
/ PRIOR APPLICATION NUMBER: 60/098716
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098723
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098749
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098750
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098803
/ PRIOR FILING DATE: 1998-09-02
/ PRIOR APPLICATION NUMBER: 60/098821
/ PRIOR FILING DATE: 1998-09-02
/ PRIOR APPLICATION NUMBER: 60/098843
/ PRIOR FILING DATE: 1998-09-02
/ PRIOR APPLICATION NUMBER: 60/099536
/ PRIOR FILING DATE: 1998-09-09
/ PRIOR APPLICATION NUMBER: 60/099596
/ PRIOR FILING DATE: 1998-09-09
/ PRIOR APPLICATION NUMBER: 60/099598
/ PRIOR FILING DATE: 1998-09-09
/ PRIOR APPLICATION NUMBER: 60/099602
/ PRIOR FILING DATE: 1998-09-09
/ PRIOR APPLICATION NUMBER: 60/099642
/ PRIOR FILING DATE: 1998-09-09
/ PRIOR APPLICATION NUMBER: 60/099741
/ PRIOR FILING DATE: 1998-09-10
/ PRIOR APPLICATION NUMBER: 60/099754
/ PRIOR FILING DATE: 1998-09-10
/ PRIOR APPLICATION NUMBER: 60/099763
/ PRIOR FILING DATE: 1998-09-10
/ PRIOR APPLICATION NUMBER: 60/099792
/ PRIOR FILING DATE: 1998-09-10
/ PRIOR APPLICATION NUMBER: 60/099808
/ PRIOR FILING DATE: 1998-09-10
/ PRIOR APPLICATION NUMBER: 60/099812
/ PRIOR FILING DATE: 1998-09-10
/ PRIOR APPLICATION NUMBER: 60/099815
/ PRIOR FILING DATE: 1998-09-10
/ PRIOR APPLICATION NUMBER: 60/099816
/ PRIOR FILING DATE: 1998-09-10
/ PRIOR APPLICATION NUMBER: 60/100385
/ PRIOR FILING DATE: 1998-09-15
/ PRIOR APPLICATION NUMBER: 60/100388
/ PRIOR FILING DATE: 1998-09-15
/ PRIOR APPLICATION NUMBER: 60/100390
/ PRIOR FILING DATE: 1998-09-15
/ PRIOR APPLICATION NUMBER: 60/100584
/ PRIOR FILING DATE: 1998-09-16
/ PRIOR APPLICATION NUMBER: 60/100627
/ PRIOR FILING DATE: 1998-09-16
/ PRIOR APPLICATION NUMBER: 60/100661
/ PRIOR FILING DATE: 1998-09-16
/ PRIOR APPLICATION NUMBER: 60/100662
/ PRIOR FILING DATE: 1998-09-16
/ PRIOR APPLICATION NUMBER: 60/100664
/ PRIOR FILING DATE: 1998-09-16
/ PRIOR APPLICATION NUMBER: 60/100683
/ PRIOR FILING DATE: 1998-09-17
/ PRIOR APPLICATION NUMBER: 60/100684
/ PRIOR FILING DATE: 1998-09-17
/ PRIOR APPLICATION NUMBER: 60/100710
/ PRIOR FILING DATE: 1998-09-17
/ PRIOR APPLICATION NUMBER: 60/100711
/ PRIOR FILING DATE: 1998-09-17
/ PRIOR APPLICATION NUMBER: 60/100848
/ PRIOR FILING DATE: 1998-09-18
/ PRIOR APPLICATION NUMBER: 60/100849
/ PRIOR FILING DATE: 1998-09-18
/ PRIOR APPLICATION NUMBER: 60/100919
/ PRIOR FILING DATE: 1998-09-17
/ PRIOR APPLICATION NUMBER: 60/100930
/ PRIOR FILING DATE: 1998-09-17
/ PRIOR APPLICATION NUMBER: 60/101014
/ PRIOR FILING DATE: 1998-09-18
/ PRIOR APPLICATION NUMBER: 60/101068
/ PRIOR FILING DATE: 1998-09-18
/ PRIOR APPLICATION NUMBER: 60/101071
/ PRIOR FILING DATE: 1998-09-18
/ PRIOR APPLICATION NUMBER: 60/101279
/ PRIOR FILING DATE: 1998-09-22
/ PRIOR APPLICATION NUMBER: 60/101471
/ PRIOR FILING DATE: 1998-09-23
/ PRIOR APPLICATION NUMBER: 60/101472
/ PRIOR FILING DATE: 1998-09-23
/ PRIOR APPLICATION NUMBER: 60/101474
/ PRIOR FILING DATE: 1998-09-23
/ PRIOR APPLICATION NUMBER: 60/101475
/ PRIOR FILING DATE: 1998-09-23
/ PRIOR APPLICATION NUMBER: 60/101476
/ PRIOR FILING DATE: 1998-09-23
/ PRIOR APPLICATION NUMBER: 60/101477
/ PRIOR FILING DATE: 1998-09-23
/ PRIOR APPLICATION NUMBER: 60/101479
/ PRIOR FILING DATE: 1998-09-23
/ PRIOR APPLICATION NUMBER: 60/101738
/ PRIOR FILING DATE: 1998-09-24
/ PRIOR APPLICATION NUMBER: 60/101741
```

```

; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC66
; CURRENT APPLICATION NUMBER: US/10/017,306A
; CURRENT FILING DATE: 2002-06-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-306A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      621 TCACACGCGCTCAGTCCCG 640
Db      20 TAAACAGCGCTCAGTCTCTG 1

RESULT 307
US-10-012-064A-447/c
; Sequence 447, Application US/10012064A
; Publication No. US20030180836A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC19
; CURRENT APPLICATION NUMBER: US/10/012,064A
; CURRENT FILING DATE: 2002-07-15
; Prior Application Number: 60/098716
; Prior Filing Date: 1998-09-01
; Prior Application Number: 60/098723
; Prior Filing Date: 1998-09-01
; Prior Application Number: 60/098749
; Prior Filing Date: 1998-09-01
; Prior Application Number: 60/098750
; Prior Filing Date: 1998-09-01
; Prior Application Number: 60/098803
; Prior Filing Date: 1998-09-02
; Prior Application Number: 60/098821
; Prior Filing Date: 1998-09-02
; Prior Application Number: 60/098843
; Prior Filing Date: 1998-09-02

```

```

RESULT 305
US-10-017-253A-447/c
; Sequence 447, Application US/10017253A
; Publication No. US20030166055A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC62
; CURRENT APPLICATION NUMBER: US/10/017,253A
; CURRENT FILING DATE: 2001-12-13
; Prior Application Number: 60/098716
; Prior Filing Date: 1998-09-01
; Prior Application Number: 60/098723
; Prior Filing Date: 1998-09-01
; Prior Application Number: 60/098749
; Prior Filing Date: 1998-09-01
; Prior Application Number: 60/098750
; Prior Filing Date: 1998-09-01
; Prior Application Number: 60/098803
; Prior Filing Date: 1998-09-02
; Prior Application Number: 60/098821
; Prior Filing Date: 1998-09-02
; Prior Application Number: 60/098843
; Prior Filing Date: 1998-09-02
; Prior Application Number: 60/098536
; Prior Filing Date: 1998-09-09
; Prior Application Number: 60/098596
; Prior Filing Date: 1998-09-09
; Prior Application Number: 60/098598
; Prior Filing Date: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-253A-447

Query Match      1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      621 TCACACGCGCTCAGTCCCG 640
Db      20 TAAACAGCGCTCAGTCTCTG 1

RESULT 306
US-10-017-306A-447/c
; Sequence 447, Application US/10017306A
; Publication No. US20030170718A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc

```

;; PRIOR FILING DATE: 1998-09-24  
;; PRIOR APPLICATION NUMBER: 60/102207  
;; PRIOR FILING DATE: 1998-09-29  
;; PRIOR APPLICATION NUMBER: 60/102240  
;; PRIOR FILING DATE: 1998-09-29  
;; PRIOR APPLICATION NUMBER: 60/102307  
;; PRIOR FILING DATE: 1998-09-29  
;; PRIOR APPLICATION NUMBER: 60/102330  
;; PRIOR FILING DATE: 1998-09-29  
;; PRIOR APPLICATION NUMBER: 60/102331  
;; PRIOR FILING DATE: 1998-09-29  
;; PRIOR APPLICATION NUMBER: 60/102484  
;; PRIOR FILING DATE: 1998-09-30  
;; PRIOR APPLICATION NUMBER: 60/102487  
;; PRIOR FILING DATE: 1998-09-30  
;; PRIOR APPLICATION NUMBER: 60/102570  
;; PRIOR FILING DATE: 1998-09-30  
;; PRIOR APPLICATION NUMBER: 60/102571  
;; PRIOR FILING DATE: 1998-09-30  
;; PRIOR APPLICATION NUMBER: 60/102584  
;; PRIOR FILING DATE: 1998-10-01  
;; PRIOR APPLICATION NUMBER: 60/102687  
;; PRIOR FILING DATE: 1998-10-01  
;; PRIOR APPLICATION NUMBER: 60/102965  
;; PRIOR FILING DATE: 1998-10-02  
;; PRIOR APPLICATION NUMBER: 60/103258  
;; PRIOR FILING DATE: 1998-10-06  
;; PRIOR APPLICATION NUMBER: 60/103314  
;; PRIOR FILING DATE: 1998-10-07  
;; PRIOR APPLICATION NUMBER: 60/103315  
;; PRIOR FILING DATE: 1998-10-07  
;; PRIOR APPLICATION NUMBER: 60/103328  
;; PRIOR FILING DATE: 1998-10-07  
;; PRIOR APPLICATION NUMBER: 60/103395  
;; PRIOR FILING DATE: 1998-10-07  
;; PRIOR APPLICATION NUMBER: 60/103396  
;; PRIOR FILING DATE: 1998-10-07  
;; PRIOR APPLICATION NUMBER: 60/103401  
;; PRIOR FILING DATE: 1998-10-07  
;; PRIOR APPLICATION NUMBER: 60/103449  
;; PRIOR FILING DATE: 1998-10-06  
;; PRIOR APPLICATION NUMBER: 60/103533  
;; PRIOR FILING DATE: 1998-10-08  
;; PRIOR APPLICATION NUMBER: 60/103578  
;; PRIOR FILING DATE: 1998-10-08  
;; PRIOR APPLICATION NUMBER: 60/103579  
;; PRIOR FILING DATE: 1998-10-08  
;; PRIOR APPLICATION NUMBER: 60/103711  
;; PRIOR FILING DATE: 1998-10-08  
;; PRIOR APPLICATION NUMBER: 60/104257  
;; PRIOR FILING DATE: 1998-10-14  
;; PRIOR APPLICATION NUMBER: 60/104987  
;; PRIOR FILING DATE: 1998-10-20  
;; PRIOR APPLICATION NUMBER: 60/105000  
;; PRIOR FILING DATE: 1998-10-20  
;; PRIOR APPLICATION NUMBER: 60/105002  
;; PRIOR FILING DATE: 1998-10-20  
;; PRIOR APPLICATION NUMBER: 60/105104  
;; PRIOR FILING DATE: 1998-10-21  
;; PRIOR APPLICATION NUMBER: 60/105169  
;; PRIOR FILING DATE: 1998-10-22  
;; PRIOR APPLICATION NUMBER: 60/105266  
;; PRIOR FILING DATE: 1998-10-22  
;; PRIOR APPLICATION NUMBER: 60/105593  
;; PRIOR FILING DATE: 1998-10-26  
;; PRIOR APPLICATION NUMBER: 60/105594  
;; PRIOR FILING DATE: 1998-10-26  
;; PRIOR APPLICATION NUMBER: 60/105807  
;; PRIOR FILING DATE: 1998-10-27  
;; PRIOR APPLICATION NUMBER: 60/105881  
;; PRIOR FILING DATE: 1998-10-27  
;; PRIOR APPLICATION NUMBER: 60/105882  
;; PRIOR FILING DATE: 1998-10-27

;; PRIOR APPLICATION NUMBER: 60/106023  
;; PRIOR FILING DATE: 1998-10-28  
  
Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
Qy 621 TCAACGAGCGCTCAGTCCCG 640  
Db 20 TAAACAAGCGCTCAGTCTG 1  
  
RESULT 304  
US-10-015-392A-447/c  
; Sequence 447, Application US/10015392A  
; Publication No. US20030166901A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2830P1C58  
; CURRENT APPLICATION NUMBER: US/10/015,392A  
; CURRENT FILING DATE: 2001-12-12  
; PRIOR APPLICATION NUMBER: 60/098716  
; PRIOR FILING DATE: 1998-09-01  
; PRIOR APPLICATION NUMBER: 60/098723  
; PRIOR FILING DATE: 1998-09-01  
; PRIOR APPLICATION NUMBER: 60/098749  
; PRIOR FILING DATE: 1998-09-01  
; PRIOR APPLICATION NUMBER: 60/098750  
; PRIOR FILING DATE: 1998-09-01  
; PRIOR APPLICATION NUMBER: 60/098803  
; PRIOR FILING DATE: 1998-09-02  
; PRIOR APPLICATION NUMBER: 60/098821  
; PRIOR FILING DATE: 1998-09-02  
; PRIOR APPLICATION NUMBER: 60/098843  
; PRIOR FILING DATE: 1998-09-02  
; PRIOR APPLICATION NUMBER: 60/099536  
; PRIOR FILING DATE: 1998-09-09  
; PRIOR APPLICATION NUMBER: 60/099596  
; PRIOR FILING DATE: 1998-09-09  
; PRIOR APPLICATION NUMBER: 60/099598  
; PRIOR FILING DATE: 1998-09-09  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 477  
; SEQ ID NO 447  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-015-392A-447

Query Match 1.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
Qy 621 TCAACGAGCGCTCAGTCCCG 640  
Db 20 TAAACAAGCGCTCAGTCTG 1

```
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-130A-447

Query Match      1.48; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred.No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      621 TCACACGCGCTCAGTCCCG 640
      |||||
Db      20 TAACACGCGCTCAGTCTG 1

RESULT 303
US-10-006-172A-447/c
; Sequence 447, Application US/10006172A
; Publication No. US20030153000A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C11
; CURRENT APPLICATION NUMBER: US/10/006,172A
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099602
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099642
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099741
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099754
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099763
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099792
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099808
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099812
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099815
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099816
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/100385
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100388
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100390
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100584
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100627
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100661
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100662
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100664
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100683
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100684
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100710
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100711
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100848
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/100849
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/100919
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100930
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/101014
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/101068
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/101071
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/101279
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: 60/101471
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101472
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101474
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101475
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101476
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101477
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101479
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101738
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101741
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101743
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101915
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101916
```

; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105002
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105104
; PRIOR FILING DATE: 1998-10-21
; PRIOR APPLICATION NUMBER: 60/105169
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105266
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105693
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105694
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105807
Query Match 1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 621 TCAACACGCGCTCAGTCCCG 640
DB 20 TAAACAGCGCTCAGTCTCTG 1
RESULT 299
US-10-175-492-15
; Sequence 15, Application US/10175492
; Publication No. US20030232442A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PAZ/PIWI DOMAIN-CONTAINING PROTEIN EXPRES
; FILE REFERENCE: RTS-0435
; CURRENT APPLICATION NUMBER: US/10/175,492
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-175-492-15
Query Match 1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 843 AGAACACAGCGCCCTCACTGG 862
DB 1 AGAACGAGCGCGCCCACTGG 20
RESULT 300
US-10-175-492-93/c
; Sequence 93, Application US/10175492
; Publication No. US20030232442A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PAZ/PIWI DOMAIN-CONTAINING PROTEIN EXPRES
; FILE REFERENCE: RTS-0435
; CURRENT APPLICATION NUMBER: US/10/175,492
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-175-492-93
Query Match 1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 843 AGAACACAGCGCCCTCACTGG 862
DB 20 AGAACGAGCGCGCCCACTGG 1
RESULT 301
US-10-015-387A-447/c
; Sequence 447, Application US/10015387A
; Publication No. US20030135034A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC54
; CURRENT APPLICATION NUMBER: US/10/015,387A
; CURRENT FILING DATE: 2001-12-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 447
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-387A-447
Query Match 1.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 621 TCAACACGCGCTCAGTCCCG 640
DB 20 TAAACAGCGCTCAGTCTCTG 1
RESULT 302
US-10-006-130A-447/c
; Sequence 447, Application US/10006130A
; Publication No. US20030148375A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC7
; CURRENT APPLICATION NUMBER: US/10/006,130A
; CURRENT FILING DATE: 2002-03-19

PRIOR APPLICATION NUMBER:	60/101474
PRIOR FILING DATE:	1998-09-23
PRIOR APPLICATION NUMBER:	60/101475
PRIOR FILING DATE:	1998-09-23
PRIOR APPLICATION NUMBER:	60/101476
PRIOR FILING DATE:	1998-09-23
PRIOR APPLICATION NUMBER:	60/101477
PRIOR FILING DATE:	1998-09-23
PRIOR APPLICATION NUMBER:	60/101479
PRIOR FILING DATE:	1998-09-23
PRIOR APPLICATION NUMBER:	60/101738
PRIOR FILING DATE:	1998-09-24
PRIOR APPLICATION NUMBER:	60/101741
PRIOR FILING DATE:	1998-09-24
PRIOR APPLICATION NUMBER:	60/101743
PRIOR FILING DATE:	1998-09-24
PRIOR APPLICATION NUMBER:	60/101915
PRIOR FILING DATE:	1998-09-24
PRIOR APPLICATION NUMBER:	60/101917
PRIOR FILING DATE:	1998-09-24
PRIOR APPLICATION NUMBER:	60/102207
PRIOR FILING DATE:	1998-09-29
PRIOR APPLICATION NUMBER:	60/102240
PRIOR FILING DATE:	1998-09-29
PRIOR APPLICATION NUMBER:	60/102307
PRIOR FILING DATE:	1998-09-29
PRIOR APPLICATION NUMBER:	60/102330
PRIOR FILING DATE:	1998-09-29
PRIOR APPLICATION NUMBER:	60/102331
PRIOR FILING DATE:	1998-09-29
PRIOR APPLICATION NUMBER:	60/102484
PRIOR FILING DATE:	1998-09-30
PRIOR APPLICATION NUMBER:	60/102487
PRIOR FILING DATE:	1998-09-30
PRIOR APPLICATION NUMBER:	60/102570
PRIOR FILING DATE:	1998-09-30
PRIOR APPLICATION NUMBER:	60/102571
PRIOR FILING DATE:	1998-09-30
PRIOR APPLICATION NUMBER:	60/102684
PRIOR FILING DATE:	1998-10-01
PRIOR APPLICATION NUMBER:	60/102687
PRIOR FILING DATE:	1998-10-01
PRIOR APPLICATION NUMBER:	60/102965
PRIOR FILING DATE:	1998-10-02
PRIOR APPLICATION NUMBER:	60/103258
PRIOR FILING DATE:	1998-10-06
PRIOR APPLICATION NUMBER:	60/103314
PRIOR FILING DATE:	1998-10-07
PRIOR APPLICATION NUMBER:	60/103315
PRIOR FILING DATE:	1998-10-07
PRIOR APPLICATION NUMBER:	60/103328
PRIOR FILING DATE:	1998-10-07
PRIOR APPLICATION NUMBER:	60/103395
PRIOR FILING DATE:	1998-10-07
PRIOR APPLICATION NUMBER:	60/103396
PRIOR FILING DATE:	1998-10-07
PRIOR APPLICATION NUMBER:	60/103401
PRIOR FILING DATE:	1998-10-07
PRIOR APPLICATION NUMBER:	60/103449
PRIOR FILING DATE:	1998-10-06
PRIOR APPLICATION NUMBER:	60/103633
PRIOR FILING DATE:	1998-10-06
PRIOR APPLICATION NUMBER:	60/103678
PRIOR FILING DATE:	1998-10-08
PRIOR APPLICATION NUMBER:	60/103679
PRIOR FILING DATE:	1998-10-08
PRIOR APPLICATION NUMBER:	60/103711
PRIOR FILING DATE:	1998-10-08
PRIOR APPLICATION NUMBER:	60/104257
PRIOR FILING DATE:	1998-10-14
PRIOR APPLICATION NUMBER:	60/104987
PRIOR FILING DATE:	1998-10-20
PRIOR APPLICATION NUMBER:	60/105000

```
Db      1  AAAAAAAAAAAAAAAAAA 17
RESULT 295
US-09-828-034-14
; Sequence 14, Application US/09828034
; Patent No. US20020084771A1
; GENERAL INFORMATION:
; APPLICANT: Zhong, Weidong
; APPLICANT: Hong, Zhi
; APPLICANT: Fertari, Eric
; TITLE OF INVENTION: HCV REPLICASE COMPLEXES
; FILE REFERENCE: IN01165
; CURRENT APPLICATION NUMBER: US/09/828,034
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: U.S. 60/195,852
; PRIOR FILING DATE: 2000-04-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
US-09-828-034-14
Query Match      1.4%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1084  AAAAAAAAAAAAAAAAAA 1100
Db      1  AAAAAAAAAAAAAAAAAACA 17
RESULT 296
US-10-418-182-106/c
; Sequence 106, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 106
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-106
Query Match      1.4%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1084  AAAAAAAAAAAAAAAAAA 1100
Db      21  AAAAAAAAAAGAAAAAAAAA 5
RESULT 297
US-10-015-593-2/c
; Sequence 2, Application US/10015593
; Publication No. US20020090636A1
; GENERAL INFORMATION:
; APPLICANT: Kozian, Detlef
; APPLICANT: Reuner, Birgit
; TITLE OF INVENTION: Two-color differential display as a method for
; TITLE OF INVENTION: detecting regulated genes
; FILE REFERENCE: 2481-1635
; CURRENT APPLICATION NUMBER: US/10/015,593
; CURRENT FILING DATE: 2001-12-17
; PRIOR APPLICATION NUMBER: 09/390,324
; PRIOR FILING DATE: 2001-05-21
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: exon
; LOCATION: (1)..(17)
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: "V=A,C,G; N=A,C,G,T"
US-10-015-593-2
Query Match      1.4%; Score 15.2; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.6e+02;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1083  TAAAAAAAAAAAAAAAAA 1098
Db      16  BAAAAAAAAAAAAAAAAA 1
RESULT 298
US-09-946-374-447/c
; Sequence 447, Application US/09946374
; Publication No. US20030073129A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C1
; CURRENT APPLICATION NUMBER: US/09/946,374
; CURRENT FILING DATE: 2001-09-04
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
```

```
RESULT 291
US-10-156-306-522/c
; Sequence 522, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 522
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-522

Query Match 1.4%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1083 TAAAAAAAAAAAAAAAAA 1099
Db 17 TAAAAAAAAAAAAAAAAAGA 1

RESULT 292
US-09-955-410-4
; Sequence 4, Application US/09955410
; Patent No. US20020146718A1
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Eigil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids Having 2,6-Diaminopurine Nucleobases
; FILE REFERENCE: ISIS4800
; CURRENT APPLICATION NUMBER: US/09/955,410
; CURRENT FILING DATE: 2001-09-18
; PRIOR APPLICATION NUMBER: 08/108,591
; PRIOR FILING DATE: 1993-11-22
; PRIOR APPLICATION NUMBER: 09/686,114
; PRIOR FILING DATE: 1996-07-24
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20020146718A1el Sequence
US-09-955-410-4

Query Match 1.4%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 293
US-09-263-959-849
; Sequence 849, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 849:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-849

Query Match 1.4%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 294
US-10-154-890-4
; Sequence 4, Application US/10154890
; Publication No. US20030180734A1
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Eigil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: ISIS0540
; CURRENT APPLICATION NUMBER: US/10/154,890
; CURRENT FILING DATE: 2002-05-23
; PRIOR APPLICATION NUMBER: US/08/108,591
; PRIOR FILING DATE: 2001-08-13
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030180734A1el Sequence
US-10-154-890-4

Query Match 1.4%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100
```

```

; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 94
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-918-686-94

Query Match      1.4%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 992 TGGAAAGTCTGAGGCTGGAGAAT 1013
Db 1 TGGGAGGCTGAGGCAAGAGAAT 22

RESULT 287
US-09-770-107-92/c
; Sequence 92, Application US/09770107
; Publication No. US20030054345A1
; GENERAL INFORMATION:
; APPLICANT: Millennium Pharmaceuticals, Inc.
; APPLICANT: Meyer, Joanne
; APPLICANT: Barrington-Martin, Rory
; APPLICANT: Parker, Alexander
; APPLICANT: Barnes, Glenn
; TITLE OF INVENTION: Compositions and methods for the diagnosis and treatment of
; FILE REFERENCE: 3322/0401
; CURRENT APPLICATION NUMBER: US/09/770,107
; CURRENT FILING DATE: 2001-01-24
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 92
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-770-107-92

Query Match      1.4%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1030 GCGTGGCTTCTAGTAGGAGCT 1051
Db 22 GCGTAGACTTCAGTGGGCT 1

RESULT 288
US-10-353-150-90
; Sequence 90, Application US/10353150
; Publication No. US20030157543A1
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary E.
; APPLICANT: Prohl, Sean
; APPLICANT: Paepker, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; FILE REFERENCE: 240083.515C1
; CURRENT APPLICATION NUMBER: US/10/353,150
; CURRENT FILING DATE: 2003-01-27
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 90
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

```

```

; OTHER INFORMATION: PCR primer
US-10-353-150-90

Query Match      1.4%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 992 TGGAAAGTCTGAGGCTGGAGAAT 1013
Db 1 TGGGAGGCTGAGGCAAGAGAAT 22

RESULT 289
US-10-353-150-94
; Sequence 94, Application US/10353150
; Publication No. US20030157543A1
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary E.
; APPLICANT: Prohl, Sean
; APPLICANT: Paepker, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; FILE REFERENCE: 240083.515C1
; CURRENT APPLICATION NUMBER: US/10/353,150
; CURRENT FILING DATE: 2003-01-27
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 94
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-353-150-94

Query Match      1.4%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 992 TGGAAAGTCTGAGGCTGGAGAAT 1013
Db 1 TGGGAGGCTGAGGCAAGAGAAT 22

RESULT 290
US-10-156-306-521/c
; Sequence 521, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 521
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-521

Query Match      1.4%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 17 AAAAAAAAAAAAAAAAAA 1

```

```
; PRIOR APPLICATION NUMBER: 60/255,236
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 60/282,640
; PRIOR FILING DATE: 2000-04-01
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; OTHER INFORMATION: synthetic sequence
US-10-008-978-46

Query Match      1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1076 CAACTATTAAAAAAA 1094
      ||||| ||||| ||||| |||||
Db      4 CAACTCGTAAAAAAA 22

RESULT 284
US-10-008-978-73
; Sequence 73, Application US/10008978
; Publication No. US20030087242A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; APPLICANT: Lu, Gang
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-1272-C
; CURRENT APPLICATION NUMBER: US/10/008,978
; CURRENT FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/254,418
```

```
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 60/255,236
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 60/282,640
; PRIOR FILING DATE: 2000-04-01
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 73
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; OTHER INFORMATION: synthetic sequence
US-10-008-978-73

Query Match      1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1076 CAACTATTAAAAAAA 1094
      ||||| ||||| ||||| |||||
Db      4 CAACTCGTAAAAAAA 22

RESULT 285
US-09-918-686-90
; Sequence 90, Application US/09918686
; Patent No. US20020076720A1
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary
; APPLICANT: Prolli, Sean
; APPLICANT: Paepker, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; TITLE OF INVENTION: GENOMIC DELETIONS
; FILE REFERENCE: 240083.515
; CURRENT APPLICATION NUMBER: US/09/918,686
; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 90
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-918-686-90

Query Match      1.4%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      992 TGGAGCTCTGAGCTGGAGAT 1013
      ||||| ||||| ||||| |||||
Db      1 TGGAGGCTGAGGCAAGAGAT 22

RESULT 286
US-09-918-686-94
; Sequence 94, Application US/09918686
; Patent No. US20020076720A1
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary
; APPLICANT: Prolli, Sean
; APPLICANT: Paepker, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; TITLE OF INVENTION: GENOMIC DELETIONS
; FILE REFERENCE: 240083.515
; CURRENT APPLICATION NUMBER: US/09/918,686
```

; PRIOR FILING DATE: 2000-04-01
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-10-008-978-43

Query Match 1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1076 CAACTATTAAAAA 1094
Db 4 CAACTCGTAAAAA 22

RESULT 283
US-10-008-978-46
; Sequence 46, Application US/10008978
; Publication No. US20030087242A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elgharian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; APPLICANT: Lu, Gang
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-1272-C
; CURRENT APPLICATION NUMBER: US/10/008,978
; PRIOR FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-26
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,418
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11

; SEQ ID NO 73
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-10-266-983-73

Query Match 1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1076 CAACTATTAAAAA 1094
Db 4 CAACTCGTAAAAA 22

RESULT 282
US-10-008-978-43
; Sequence 43, Application US/10008978
; Publication No. US20030087242A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elgharian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; APPLICANT: Lu, Gang
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-1272-C
; CURRENT APPLICATION NUMBER: US/10/008,978
; PRIOR FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-26
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/254,418
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 60/255,236
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 60/282,640

```

RESULT 279
US-10-266-983-43
; Sequence 43, Application US/10266983
; Publication No. US20030207296A1
; GENERAL INFORMATION:
; APPLICANT: Park, So-Jung
; APPLICANT: Tatton, Thomas Andrew
; APPLICANT: Mirkin, Chad A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 01-1565-A
; CURRENT APPLICATION NUMBER: US/10/266,983
; CURRENT FILING DATE: 2002-10-08
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCI/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; OTHER INFORMATION: synthetic sequence
US-10-266-983-43

Query Match 1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e-02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps

QY 1076 CAACATATTAAAAA 1094
Ddb 4 CAACTCGTAAAAA 22

RESULT 280
US-10-266-983-46
; Sequence 46, Application US/10266983
; Publication No. US20030207296A1
; GENERAL INFORMATION:
; APPLICANT: Park, So-Jung
; APPLICANT: Tatton, Thomas Andrew
; APPLICANT: Mirkin, Chad A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 01-1565-A
; CURRENT APPLICATION NUMBER: US/10/266,983
; CURRENT FILING DATE: 2002-10-08
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28

```

US-09-976-968A-46

Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAAAA 1094  
| | | | | | | | | | | | | | | | | | | | | |  
Db 4 CAACCTGTAATAAAAAA 22

RESULT 276

US-10-106-749-3/c  
; Sequence 3, Application US/10106749  
; Publication No. US20030165879A1  
; GENERAL INFORMATION:  
; APPLICANT: Inscant, Inc.  
; APPLICANT: Woods, Daniel  
; APPLICANT: Dimtratos, Spiros  
; TITLE OF INVENTION: EFFICIENT METHODS FOR ISOLATING FUNCTIONAL G-PROTEIN COUPLED RECEPTORS  
; TITLE OF INVENTION: AND IDENTIFYING ACTIVE EFFECTORS AND EFFICIENT METHODS TO ISOLATE AND IDENTIFYING ACTIVE EFFECTORS  
; FILE REFERENCE: INS-00101.P.1.1  
; CURRENT APPLICATION NUMBER: US/10/106,749  
; CURRENT FILING DATE: 2002-03-26  
; PRIOR APPLICATION NUMBER: 60/279,168  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: 60/353,392  
; PRIOR FILING DATE: 2002-01-31  
; NUMBER OF SEQ ID NOS: 6  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 3  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Construct  
US-10-106-749-3

Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1080 TATTAATAAAAAAAA 1098  
| | | | | | | | | | | | | | | | | | | | | |  
Db 19 TGTCATAAAAAAAA 1

RESULT 277

US-10-410-324-43  
; Sequence 43, Application US/10410324  
; Publication No. US20030180783A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-713-126  
; CURRENT APPLICATION NUMBER: US/10/410,324  
; CURRENT FILING DATE: 2003-04-09  
; PRIOR APPLICATION NUMBER: 09/961,949  
; PRIOR FILING DATE: 2001-09-20  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; TITLE OF INVENTION: AND USES THEREFOR  
; FILE REFERENCE: 00-713-126  
; CURRENT APPLICATION NUMBER: US/10/410,324  
; CURRENT FILING DATE: 2003-04-09  
; PRIOR APPLICATION NUMBER: 09/961,949  
; PRIOR FILING DATE: 2001-09-20  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783

US-09-976-968A-46

Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAAAA 1094  
| | | | | | | | | | | | | | | | | | | | | |  
Db 4 CAACCTGTAATAAAAAA 22

RESULT 276

US-10-106-749-3/c  
; Sequence 3, Application US/10106749  
; Publication No. US20030165879A1  
; GENERAL INFORMATION:  
; APPLICANT: Inscant, Inc.  
; APPLICANT: Woods, Daniel  
; APPLICANT: Dimtratos, Spiros  
; TITLE OF INVENTION: EFFICIENT METHODS FOR ISOLATING FUNCTIONAL G-PROTEIN COUPLED RECEPTORS  
; TITLE OF INVENTION: AND IDENTIFYING ACTIVE EFFECTORS AND EFFICIENT METHODS TO ISOLATE AND IDENTIFYING ACTIVE EFFECTORS  
; FILE REFERENCE: INS-00101.P.1.1  
; CURRENT APPLICATION NUMBER: US/10/106,749  
; CURRENT FILING DATE: 2002-03-26  
; PRIOR APPLICATION NUMBER: 60/279,168  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: 60/353,392  
; PRIOR FILING DATE: 2002-01-31  
; NUMBER OF SEQ ID NOS: 6  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 3  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Construct  
US-10-106-749-3

Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1080 TATTAATAAAAAAAA 1098  
| | | | | | | | | | | | | | | | | | | | | |  
Db 19 TGTCATAAAAAAAA 1

RESULT 277

US-10-410-324-43  
; Sequence 43, Application US/10410324  
; Publication No. US20030180783A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-713-126  
; CURRENT APPLICATION NUMBER: US/10/410,324  
; CURRENT FILING DATE: 2003-04-09  
; PRIOR APPLICATION NUMBER: 09/961,949  
; PRIOR FILING DATE: 2001-09-20  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783

```
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-975-059A-43

Query Match      1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACCTATTAAAAA 1094
    ||||| ||||| |||||
Db 4 CAACCTGTAATAAAAAA 22

RESULT 273
US-09-975-059A-46
; Sequence 46, Application US/09975059A
; Publication No. US20030143538A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-115
; CURRENT APPLICATION NUMBER: US/09/975,059A
; CURRENT FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR FILING DATE: 1999-06-25
; PRIOR FILING DATE: 1999-07-29
; PRIOR FILING DATE: 1999-01-29
; PRIOR FILING DATE: 1999-07-21
; PRIOR FILING DATE: 1996-07-29
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-975-059A-46

Query Match      1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACCTATTAAAAA 1094
    ||||| ||||| |||||
Db 4 CAACCTGTAATAAAAAA 22

RESULT 274
US-09-975-059A-43
; Sequence 43, Application US/09976968A
; Publication No. US20030148282A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
```

```
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-117
; CURRENT APPLICATION NUMBER: US/09/976,968A
; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-968A-43

Query Match      1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACCTATTAAAAA 1094
    ||||| ||||| |||||
Db 4 CAACCTGTAATAAAAAA 22

RESULT 275
US-09-976-968A-46
; Sequence 46, Application US/09976968A
; Publication No. US20030148282A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-117
; CURRENT APPLICATION NUMBER: US/09/976,968A
; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
```

ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
US-09-976-863A-46  
Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1076 CAACTATTAAAAA 1094  
DB 4 CAACTCGTAAAAA 22  
RESULT 270  
US-09-976-601A-43  
Sequence 43, Application US/09976601A  
Publication No. US20030124528A1  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storchoff, James J.  
APPLICANT: Elghanian, Robert  
APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
FILE REFERENCE: 00-713-116  
CURRENT APPLICATION NUMBER: US/09/976,601A  
PRIOR FILING DATE: 2001-10-15  
PRIOR APPLICATION NUMBER: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 60/031,809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/200,161  
PRIOR FILING DATE: 2000-04-26  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Microsoft Word 2000  
SEQ ID NO 46  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
US-09-976-601A-46  
Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1076 CAACTATTAAAAA 1094  
DB 4 CAACTCGTAAAAA 22  
RESULT 272  
US-09-975-059A-43  
Sequence 43, Application US/09975059A  
Publication No. US20030143538A1  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storchoff, James J.  
APPLICANT: Elghanian, Robert  
APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
FILE REFERENCE: 00-713-115  
CURRENT APPLICATION NUMBER: US/09/975,059A  
PRIOR FILING DATE: 2001-10-11  
PRIOR APPLICATION NUMBER: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 60/031,809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/200,161  
PRIOR FILING DATE: 2000-04-26  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Microsoft Word 2000  
SEQ ID NO 43  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
US-09-976-601A-43

ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
US-09-976-863A-46  
Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1076 CAACTATTAAAAA 1094  
DB 4 CAACTCGTAAAAA 22  
RESULT 270  
US-09-976-601A-43  
Sequence 43, Application US/09976601A  
Publication No. US20030124528A1  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storchoff, James J.  
APPLICANT: Elghanian, Robert  
APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
FILE REFERENCE: 00-713-116  
CURRENT APPLICATION NUMBER: US/09/976,601A  
PRIOR FILING DATE: 2001-10-15  
PRIOR APPLICATION NUMBER: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 60/031,809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/200,161  
PRIOR FILING DATE: 2000-04-26  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Microsoft Word 2000  
SEQ ID NO 43  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
US-09-976-601A-43  
Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1076 CAACTATTAAAAA 1094  
DB 4 CAACTCGTAAAAA 22  
RESULT 271  
US-09-976-601A-46  
Sequence 46, Application US/09976601A  
Publication No. US20030124528A1  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storchoff, James J.  
APPLICANT: Elghanian, Robert

```

; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-957-313A-43

Query Match          1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094
    |||||
Db 4 CAACTCGTAAAAA 22

RESULT 267
US-09-957-313A-46
; Sequence 46, Application US/09957313A
; Publication No. US20030059777A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-13
; CURRENT APPLICATION NUMBER: US/09/957,313A
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-957-313A-46

Query Match          1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094
    |||||
Db 4 CAACTCGTAAAAA 22

RESULT 268
US-09-976-863A-43
; Sequence 43, Application US/09976863A
; Publication No. US20030068622A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-119
; CURRENT APPLICATION NUMBER: US/09/976,863A
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-863A-46

Query Match          1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094
    |||||
Db 4 CAACTCGTAAAAA 22

RESULT 269
US-09-976-863A-46
; Sequence 46, Application US/09976863A
; Publication No. US20030068622A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-119
; CURRENT APPLICATION NUMBER: US/09/976,863A
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-863A-43

```

```

; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-974-500A-46

Query Match
Best Local Similarity 1.4%; Score 15.8; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094
Db 4 CAACTCGTAAAAA 22

RESULT 264
US-09-975-376A-43
; Sequence 43, Application US/09975376A
; Publication No. US20030054358A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-112
; CURRENT APPLICATION NUMBER: US/09/975,376A
; PRIOR FILING DATE: 2002-05-07
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-975-376A-43

Query Match
Best Local Similarity 1.4%; Score 15.8; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094
Db 4 CAACTCGTAAAAA 22

RESULT 265
US-09-975-376A-46
; Sequence 46, Application US/09975376A
; Publication No. US20030054358A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.

```

```

; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-112
; CURRENT APPLICATION NUMBER: US/09/975,376A
; PRIOR FILING DATE: 2002-05-07
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-975-376A-46

Query Match
Best Local Similarity 1.4%; Score 15.8; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094
Db 4 CAACTCGTAAAAA 22

RESULT 266
US-09-957-313A-43
; Sequence 43, Application US/09957313A
; Publication No. US20030059777A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-13
; CURRENT APPLICATION NUMBER: US/09/957,313A
; PRIOR FILING DATE: 2002-03-05
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43

```

;; PRIOR FILING DATE: 2000-04-26  
;; NUMBER OF SEQ ID NOS: 64  
;; SOFTWARE: Microsoft Word 2000  
;; SEQ ID NO 43  
;; LENGTH: 22  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence:random  
;; OTHER INFORMATION: synthetic sequence  
US-09-957-318A-43

Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094  
Db 4 CAACTCGTAAAAA 22

RESULT 261  
US-09-957-318A-46  
; Sequence 46, Application US/09957318A  
; Publication No. US20030049630A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-713-12  
; CURRENT APPLICATION NUMBER: US/09/957,318A  
; PRIOR FILING DATE: 2002-03-05  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/200,161  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 46  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:random  
; OTHER INFORMATION: synthetic sequence  
US-09-957-318A-46

Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094  
Db 4 CAACTCGTAAAAA 22

RESULT 262  
US-09-974-500A-43  
; Sequence 43, Application US/09974500A  
; Publication No. US20030049631A1

;; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-713-17  
; CURRENT APPLICATION NUMBER: US/09/974,500A  
; CURRENT FILING DATE: 2002-04-01  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/200,161  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 43  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:random  
; OTHER INFORMATION: synthetic sequence  
US-09-974-500A-43

Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094  
Db 4 CAACTCGTAAAAA 22

RESULT 263  
US-09-974-500A-46  
; Sequence 46, Application US/09974500A  
; Publication No. US20030049631A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-713-17  
; CURRENT APPLICATION NUMBER: US/09/974,500A  
; CURRENT FILING DATE: 2002-04-01  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/200,161  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 43  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:random  
; OTHER INFORMATION: synthetic sequence  
US-09-974-500A-46

Sequence 46, Application US/09981344  
Publication No. US20030044805A1  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storhoff, James J.  
APPLICANT: Elghanian, Robert  
APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
FILE REFERENCE: 00-713-122  
CURRENT APPLICATION NUMBER: US/09/981,344  
CURRENT FILING DATE: 2002-03-05  
PRIOR FILING DATE: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 60/031,809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/200,161  
PRIOR FILING DATE: 2000-04-26  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Microsoft Word 2000  
SEQ ID NO 46  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
OTHER INFORMATION: synthetic sequence  
US-09-981-344-46

Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094  
||||| |||||||  
Db 4 CAACCTGTA 22

RESULT 260  
US-09-957-318A-43  
Sequence 43, Application US/09957318A  
Publication No. US20030049630A1  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storhoff, James J.  
APPLICANT: Elghanian, Robert  
APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
FILE REFERENCE: 00-713-12  
CURRENT APPLICATION NUMBER: US/09/957,318A  
CURRENT FILING DATE: 2002-03-05  
PRIOR FILING DATE: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 60/031,809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/200,161

PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/200,161  
PRIOR FILING DATE: 2000-04-26  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Microsoft Word 2000  
SEQ ID NO 46  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
OTHER INFORMATION: synthetic sequence  
US-09-820-279B-46

Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094  
||||| |||||||  
Db 4 CAACCTGTA 22

RESULT 258  
US-09-981-344-43  
Sequence 43, Application US/09981344  
Publication No. US20030044805A1  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storhoff, James J.  
APPLICANT: Elghanian, Robert  
APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
FILE REFERENCE: 00-713-122  
CURRENT APPLICATION NUMBER: US/09/981,344  
CURRENT FILING DATE: 2002-03-05  
PRIOR FILING DATE: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 60/031,809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/200,161  
PRIOR FILING DATE: 2000-04-26  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Microsoft Word 2000  
SEQ ID NO 43  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
OTHER INFORMATION: synthetic sequence  
US-09-981-344-43

Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094  
||||| |||||||  
Db 4 CAACCTGTA 22

RESULT 259  
US-09-981-344-46

RESULT 256  
US-09-820-279B-43  
; Sequence 43, Application US/09820279B  
; Publication No. US20030022169A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; OTHER INFORMATION: Description of Artificial Sequence: random  
; FILE REFERENCE: 00-1085-A  
; CURRENT APPLICATION NUMBER: US/09/820,279B  
; CURRENT FILING DATE: 2001-03-28  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/200,161  
; PRIOR FILING DATE: 2000-04-26  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 43  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: random  
; OTHER INFORMATION: synthetic sequence  
US-09-820-279B-43  
Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1076 CAACTATTAAAAA 1094  
DB 4 CAACTCGTAAAAA 22  
RESULT 257  
US-09-820-279B-46  
; Sequence 46, Application US/09820279B  
; Publication No. US20030022169A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; OTHER INFORMATION: Description of Artificial Sequence: random  
; FILE REFERENCE: 00-1085-A  
; CURRENT APPLICATION NUMBER: US/09/820,279B  
; CURRENT FILING DATE: 2001-03-28  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809

US-09-976-971A-46  
; Sequence 46, Application US/09976971A  
; Publication No. US20020182613A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; OTHER INFORMATION: Description of Artificial Sequence: random  
; FILE REFERENCE: 00-713-118  
; CURRENT APPLICATION NUMBER: US/09/976,971A  
; CURRENT FILING DATE: 2001-10-12  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/200,161  
; PRIOR FILING DATE: 2000-04-26  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 46  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: random  
; OTHER INFORMATION: synthetic sequence  
US-09-976-971A-46  
Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1076 CAACTATTAAAAA 1094  
DB 4 CAACTCGTAAAAA 22  
RESULT 255  
US-09-976-971A-46  
; Sequence 46, Application US/09976971A  
; Publication No. US20020182613A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; OTHER INFORMATION: Description of Artificial Sequence: random  
; FILE REFERENCE: 00-713-118  
; CURRENT APPLICATION NUMBER: US/09/976,971A  
; CURRENT FILING DATE: 2001-10-12  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/200,161  
; PRIOR FILING DATE: 2000-04-26  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 46  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: random  
; OTHER INFORMATION: synthetic sequence  
US-09-976-971A-46  
Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1076 CAACTATTAAAAA 1094  
DB 4 CAACTCGTAAAAA 22

```

; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 73
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-927-777A-73

Query Match 1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094
|||||
DB 4 CAACTCGTAAAAA 22
|||||

RESULT 252
US-09-966-491A-43
; Sequence 43, Application US/09966491A
; Publication No. US20020182611A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-14
; CURRENT APPLICATION NUMBER: US/09/966,491A
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-966-491A-43

Query Match 1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094
|||||
DB 4 CAACTCGTAAAAA 22
|||||

```

; PRIOR FILING DATE: 1999-01-29  
 ; PRIOR APPLICATION NUMBER: PCT/US97/12783  
 ; PRIOR FILING DATE: 1997-07-21  
 ; PRIOR APPLICATION NUMBER: 60/031,809  
 ; PRIOR FILING DATE: 1996-07-29  
 ; PRIOR APPLICATION NUMBER: 60/176,409  
 ; PRIOR FILING DATE: 2000-01-13  
 ; PRIOR APPLICATION NUMBER: 60/192,699  
 ; PRIOR FILING DATE: 2000-03-28  
 ; PRIOR APPLICATION NUMBER: 60/200,161  
 ; PRIOR FILING DATE: 2000-04-26  
 ; PRIOR APPLICATION NUMBER: 60/213,906  
 ; PRIOR FILING DATE: 2000-06-26  
 ; PRIOR APPLICATION NUMBER: 60/224,631  
 ; PRIOR FILING DATE: 2000-08-11  
 ; PRIOR APPLICATION NUMBER: 60/254,392  
 ; PRIOR FILING DATE: 2000-12-08  
 ; PRIOR APPLICATION NUMBER: 60/255,235  
 ; PRIOR FILING DATE: 2000-12-11  
 ; NUMBER OF SEQ ID NOS: 76  
 ; SOFTWARE: Microsoft Word 2000  
 ; SEQ ID NO 43  
 ; LENGTH: 22  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: random  
 ; OTHER INFORMATION: synthetic sequence  
 ;  
 US-09-927-777A-43  
 ;  
 Query Match 1.4%; Score 15.8; DB 1; Length 22;  
 Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 ;  
 QY 1076 CAACTATTAAAAA 1094  
 |||||  
 DB 4 CAACTCGTAAAAA 22  
 ;  
 RESULT 250  
 US-09-927-777A-46  
 ; Sequence 46, Application US/09927777A  
 ; Patent No. US20020172953A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Mirkin, Chad A.  
 ; APPLICANT: Letsinger, Robert L.  
 ; APPLICANT: Mucic, Robert C.  
 ; APPLICANT: Storhoff, James J.  
 ; APPLICANT: Elghanian, Robert  
 ; APPLICANT: Taton, Thomas A.  
 ; APPLICANT: Garimella, Viswanadham  
 ; APPLICANT: Li, Zhi  
 ; APPLICANT: Park, So-Jung  
 ; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
 ; FILE REFERENCE: 00-653-A  
 ; CURRENT APPLICATION NUMBER: US/09/927,777A  
 ; CURRENT FILING DATE: 2001-08-10  
 ; PRIOR APPLICATION NUMBER: 09/820,279  
 ; PRIOR FILING DATE: 2001-03-28  
 ; PRIOR APPLICATION NUMBER: 09/760,500  
 ; PRIOR FILING DATE: 2001-01-12  
 ; PRIOR APPLICATION NUMBER: 09/603,830  
 ; PRIOR FILING DATE: 2000-06-26  
 ; PRIOR APPLICATION NUMBER: 09/344,667  
 ; PRIOR FILING DATE: 1999-06-25  
 ; PRIOR APPLICATION NUMBER: 09/240,755  
 ; PRIOR FILING DATE: 1999-01-29  
 ; PRIOR APPLICATION NUMBER: PCT/US97/12783  
 ; PRIOR FILING DATE: 1997-07-21  
 ; PRIOR APPLICATION NUMBER: 60/031,809  
 ; PRIOR FILING DATE: 1996-07-29  
 ; PRIOR APPLICATION NUMBER: 60/176,409  
 ; PRIOR FILING DATE: 2000-01-13  
 ; PRIOR APPLICATION NUMBER: 60/192,699  
 ; PRIOR FILING DATE: 2000-03-28  
 ; PRIOR APPLICATION NUMBER: 60/200,161  
 ; PRIOR FILING DATE: 2000-04-26  
 ; PRIOR APPLICATION NUMBER: 60/213,906

; PRIOR FILING DATE: 2000-01-13  
 ; PRIOR APPLICATION NUMBER: 60/192,699  
 ; PRIOR FILING DATE: 2000-03-28  
 ; PRIOR APPLICATION NUMBER: 60/200,161  
 ; PRIOR FILING DATE: 2000-04-26  
 ; PRIOR APPLICATION NUMBER: 60/213,906  
 ; PRIOR FILING DATE: 2000-06-26  
 ; PRIOR APPLICATION NUMBER: 60/224,631  
 ; PRIOR FILING DATE: 2000-08-11  
 ; PRIOR APPLICATION NUMBER: 60/254,392  
 ; PRIOR FILING DATE: 2000-12-08  
 ; PRIOR APPLICATION NUMBER: 60/255,235  
 ; PRIOR FILING DATE: 2000-12-11  
 ; NUMBER OF SEQ ID NOS: 76  
 ; SOFTWARE: Microsoft Word 2000  
 ; SEQ ID NO 46  
 ; LENGTH: 22  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: random  
 ; OTHER INFORMATION: synthetic sequence  
 ;  
 US-09-927-777A-46  
 ;  
 Query Match 1.4%; Score 15.8; DB 1; Length 22;  
 Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 ;  
 QY 1076 CAACTATTAAAAA 1094  
 |||||  
 DB 4 CAACTCGTAAAAA 22  
 ;  
 RESULT 251  
 US-09-927-777A-73  
 ; Sequence 73, Application US/09927777A  
 ; Patent No. US20020172953A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Mirkin, Chad A.  
 ; APPLICANT: Letsinger, Robert L.  
 ; APPLICANT: Mucic, Robert C.  
 ; APPLICANT: Storhoff, James J.  
 ; APPLICANT: Elghanian, Robert  
 ; APPLICANT: Taton, Thomas A.  
 ; APPLICANT: Garimella, Viswanadham  
 ; APPLICANT: Li, Zhi  
 ; APPLICANT: Park, So-Jung  
 ; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
 ; FILE REFERENCE: 00-653-A  
 ; CURRENT APPLICATION NUMBER: US/09/927,777A  
 ; CURRENT FILING DATE: 2001-08-10  
 ; PRIOR APPLICATION NUMBER: 09/820,279  
 ; PRIOR FILING DATE: 2001-03-28  
 ; PRIOR APPLICATION NUMBER: 09/760,500  
 ; PRIOR FILING DATE: 2001-01-12  
 ; PRIOR APPLICATION NUMBER: 09/603,830  
 ; PRIOR FILING DATE: 2000-06-26  
 ; PRIOR APPLICATION NUMBER: 09/344,667  
 ; PRIOR FILING DATE: 1999-06-25  
 ; PRIOR APPLICATION NUMBER: 09/240,755  
 ; PRIOR FILING DATE: 1999-01-29  
 ; PRIOR APPLICATION NUMBER: PCT/US97/12783  
 ; PRIOR FILING DATE: 1997-07-21  
 ; PRIOR APPLICATION NUMBER: 60/031,809  
 ; PRIOR FILING DATE: 1996-07-29  
 ; PRIOR APPLICATION NUMBER: 60/176,409  
 ; PRIOR FILING DATE: 2000-01-13  
 ; PRIOR APPLICATION NUMBER: 60/192,699  
 ; PRIOR FILING DATE: 2000-03-28  
 ; PRIOR APPLICATION NUMBER: 60/200,161  
 ; PRIOR FILING DATE: 2000-04-26  
 ; PRIOR APPLICATION NUMBER: 60/213,906

```
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-577-46

Query Match      1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACCTATTAAAAA 1094
Db 4 CAACCTGTA 22

RESULT 247
US-09-966-312-43
; Sequence 43, Application US/09966312
; Patent No. US20020164505A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-15
; CURRENT APPLICATION NUMBER: US/09/966,312
; PRIOR FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-966-312-43

Query Match      1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACCTATTAAAAA 1094
Db 4 CAACCTGTA 22

RESULT 248
US-09-966-312-46
; Sequence 46, Application US/09966312
```

```
; Patent No. US20020164605A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-15
; CURRENT APPLICATION NUMBER: US/09/966,312
; PRIOR FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-966-312-46

Query Match      1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACCTATTAAAAA 1094
Db 4 CAACCTGTA 22

RESULT 249
US-09-927-777A-43
; Sequence 43, Application US/0992777A
; Patent No. US20020172953A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-653-A
; CURRENT APPLICATION NUMBER: US/09/927,777A
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
```

```
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-378A-43

Query Match          1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1076 CAACTATTAAAAA 1094
Db 4 CAACTCGTAAAAA 22

RESULT 244
US-09-976-378A-46
; Sequence 46, Application US/09976378A
; Patent No. US20020155461A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-125
; CURRENT APPLICATION NUMBER: US/09/976,378A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-378A-46

Query Match          1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1076 CAACTATTAAAAA 1094
Db 4 CAACTCGTAAAAA 22

RESULT 245
US-09-976-378A-46
; Sequence 46, Application US/09976378A
; Patent No. US20020155461A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-125
; CURRENT APPLICATION NUMBER: US/09/976,378A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-378A-46

Query Match          1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1076 CAACTATTAAAAA 1094
Db 4 CAACTCGTAAAAA 22

RESULT 246
US-09-976-577-46
; Sequence 46, Application US/09976577
; Patent No. US20020155462A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-120
; CURRENT APPLICATION NUMBER: US/09/976,577
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 60/031,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 60/240,755
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-577-43

Query Match          1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1076 CAACTATTAAAAA 1094
Db 4 CAACTCGTAAAAA 22
```



**Call** 007 9 10 10 10 10  
**Fax** 007 9 10 10 10 10  
**E-mail** info@krylov.ru

```

Db      4 CAACTCGTAAAAA 22

RESULT 239
US-09-967-409A-43
; Sequence 43, Application US/09967409A
; Patent No. US20020155458A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-16
; CURRENT APPLICATION NUMBER: US/09/967,409A
; CURRENT FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-967-409A-43

Query Match      1.4%   Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1076 CAACTATTAAAAA 1094
        ||||| ||||| |||||
Db      4 CAACTCGTAAAAA 22

RESULT 240
US-09-967-409A-46
; Sequence 46, Application US/09967409A
; Patent No. US20020155458A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-16
; CURRENT APPLICATION NUMBER: US/09/967,409A
; CURRENT FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29

```

QY 1076 CAACTATTAAAAA 1094  
Db 4 CAACTCGTAAAAA 22

RESULT 236  
US-09-961-949A-46  
; Sequence 46, Application US/09961949A  
; Patent No. US20020146720A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storchhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-713-11  
; CURRENT APPLICATION NUMBER: US/09/961,949A  
; PRIOR FILING DATE: 2001-09-20  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/200,161  
; PRIOR FILING DATE: 2000-04-26  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 46  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: random  
; OTHER INFORMATION: synthetic sequence  
US-09-976-617A-46

Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094  
Db 4 CAACTCGTAAAAA 22

RESULT 235  
US-09-961-949A-43  
; Sequence 43, Application US/09961949A  
; Patent No. US20020146720A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storchhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-713-11  
; CURRENT APPLICATION NUMBER: US/09/961,949A  
; PRIOR FILING DATE: 2001-09-20  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/200,161  
; PRIOR FILING DATE: 2000-04-26  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 43  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: random  
; OTHER INFORMATION: synthetic sequence  
US-09-961-949A-43

Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094  
Db 4 CAACTCGTAAAAA 22

RESULT 236  
US-09-961-949A-46  
; Sequence 46, Application US/09961949A  
; Patent No. US20020146720A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storchhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-713-11  
; CURRENT APPLICATION NUMBER: US/09/961,949A  
; PRIOR FILING DATE: 2001-09-20  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/200,161  
; PRIOR FILING DATE: 2000-04-26  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 46  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: random  
; OTHER INFORMATION: synthetic sequence  
US-09-961-949A-46

Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAA 1094  
Db 4 CAACTCGTAAAAA 22

RESULT 237  
US-09-760-500A-43  
; Sequence 43, Application US/09760500A  
; Patent No. US20020155442A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storchhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-715-A  
; CURRENT APPLICATION NUMBER: US/09/760,500A  
; PRIOR FILING DATE: 2002-03-05  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25

```

; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-974-007-43

Query Match
Best Local Similarity 1.4%; Score 15.8; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAAAA 1094
Db 4 CAACCTGTAATAAAAAA 22

RESULT 232
US-09-974-007-46
; Sequence 46, Application US/09974007
; Patent No. US20020137071A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-18
; CURRENT APPLICATION NUMBER: US/09/974,007
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-974-007-46

Query Match
Best Local Similarity 1.4%; Score 15.8; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAAAA 1094
Db 4 CAACCTGTAATAAAAAA 22

RESULT 233
US-09-976-617A-43
; Sequence 43, Application US/09976617A
; Patent No. US20020137072A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-124
; CURRENT APPLICATION NUMBER: US/09/976,617A
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-617A-43

Query Match
Best Local Similarity 1.4%; Score 15.8; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1076 CAACTATTAAAAAAA 1094
Db 4 CAACCTGTAATAAAAAA 22

RESULT 234
US-09-976-617A-46
; Sequence 46, Application US/09976617A
; Patent No. US20020137072A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-124
; CURRENT APPLICATION NUMBER: US/09/976,617A
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26

```

Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1076 CAACCTATTAATAAAAAAAAA 1094  
Db 4 CAACCTGTAATAATAAAAAA 22

RESULT 230  
US-09-973-638A-46  
; Sequence 46, Application US/09973638A  
; Patent No. US20020137070A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-713-19  
; CURRENT APPLICATION NUMBER: US/09/973,638A  
; PRIOR FILING DATE: 2002-03-12  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/200,161  
; PRIOR FILING DATE: 2000-04-26  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 46  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: random  
; OTHER INFORMATION: synthetic sequence  
US-09-973-638A-46

Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1076 CAACCTATTAATAAAAAAAAA 1094  
Db 4 CAACCTGTAATAATAAAAAA 22

RESULT 231  
US-09-974-007-43  
; Sequence 43, Application US/09974007  
; Patent No. US20020137071A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-713-18  
; CURRENT APPLICATION NUMBER: US/09/974,007  
; CURRENT FILING DATE: 2002-03-12

Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1076 CAACCTATTAATAAAAAAAAA 1094  
Db 4 CAACCTGTAATAATAAAAAA 22

RESULT 229  
US-09-973-638A-43  
; Sequence 43, Application US/09973638A  
; Patent No. US20020137070A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-713-19  
; CURRENT APPLICATION NUMBER: US/09/973,638A  
; PRIOR FILING DATE: 2002-03-12  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/200,161  
; PRIOR FILING DATE: 2000-04-26  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 43  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: random  
; OTHER INFORMATION: synthetic sequence  
US-09-973-638A-43

Query Match 1.4%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1076 CAACCTATTAATAAAAAAAAA 1094  
Db 4 CAACCTGTAATAATAAAAAA 22

RESULT 230  
US-09-973-638A-46  
; Sequence 46, Application US/09973638A  
; Patent No. US20020137070A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-713-19  
; CURRENT APPLICATION NUMBER: US/09/973,638A  
; PRIOR FILING DATE: 2002-03-12  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/200,161  
; PRIOR FILING DATE: 2000-04-26  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 46  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: random  
; OTHER INFORMATION: synthetic sequence  
US-09-973-788A-46

```

US-09-998-936-1
Query Match          1.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 85.5%; Pred. No. 2.6e-02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1076 CAACATTATTAATAAAAAAAAA 1094
      ||||| ||||| ||||| |||||
DB      4  CAACTCGTAAAAAATAAAAAA 22

RESULT 227
US-09-973-788A-43
; Sequence 43, Application US/69973788A
; Patent No. US2002012757A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-110
; CURRENT APPLICATION NUMBER: US/09/973,788A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; OTHER INFORMATION: synthetic sequence
US-09-973-788A-43

```

```

; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; OTHER INFORMATION: synthetic sequence
US-09-973-788A-43

      Query Match          1.4%;      Score 15.8; DB 1;      Length 22;
      Best Local Similarity 89.5%;      Pred. No. 2.6e+02;
      Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1076 CAACATTATAAAAAAAA 1094
      ||||| ||||| |||||
DB      4 CAACTCGTAAAAAAA 22

RESULT 228
US-09-973-788A-46
; Sequence 46, Application US/09973788A
; Patent No. US20020127574A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Music, Robert C.
; APPLICANT: Stornhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Tachen, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THEREFO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-110

```

; GENERAL INFORMATION:  
 ; APPLICANT: Kaufman, Joseph C.  
 ; APPLICANT: Roth, Matthew E.  
 ; APPLICANT: Lizardi, Paul M.  
 ; APPLICANT: Feng, Li  
 ; APPLICANT: Latimer, Darin R.  
 ; TITLE OF INVENTION: Binary Encoded Sequence Tags  
 ; FILE REFERENCE: AGL 100  
 ; CURRENT APPLICATION NUMBER: US/09/994,311  
 ; CURRENT FILING DATE: 2001-11-26  
 ; PRIOR APPLICATION NUMBER: US/09/637,751  
 ; PRIOR FILING DATE: 2000-08-11  
 ; NUMBER OF SEQ ID NOS: 10  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 6  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: Primer  
 US-09-994-311-6

Query Match 1.5%; Score 16; DB 1; Length 18;  
 Best Local Similarity 100.0%; Pred. No. 2e+02;  
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099  
 |||||  
 Db 16 AAAAAAAAAAAAAA 1

RESULT 222  
 US-10-333-461-18/c  
 ; Sequence 18, Application US/10333461  
 ; Publication No. US20030165952A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Global Genomics AB  
 ; APPLICANT: Linnarsson, Sten  
 ; APPLICANT: Ernfors, Patrik  
 ; APPLICANT: Bauren, Goran  
 ; TITLE OF INVENTION: Methods for analysis and identification of transcribed  
 ; FILE REFERENCE: smwfp5941752  
 ; CURRENT APPLICATION NUMBER: US/10/333,461  
 ; CURRENT FILING DATE: 2003-01-21  
 ; PRIOR APPLICATION NUMBER: GB 0018016.6  
 ; PRIOR FILING DATE: 2000-07-21  
 ; PRIOR APPLICATION NUMBER: US 60/219,925  
 ; PRIOR FILING DATE: 2000-07-21  
 ; NUMBER OF SEQ ID NOS: 25  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 18  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence:  
 ; OTHER INFORMATION: Double-stranded product DNA  
 US-10-333-461-18

Query Match 1.5%; Score 16; DB 1; Length 18;  
 Best Local Similarity 100.0%; Pred. No. 2e+02;  
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099  
 |||||  
 Db 16 AAAAAAAAAAAAAA 1

RESULT 223  
 US-10-352-253A-18/c  
 ; Sequence 18, Application US/10352253A  
 ; Publication No. US20030175908A1

; GENERAL INFORMATION:  
 ; APPLICANT: Linnarsson, Sten  
 ; APPLICANT: Ernfors, Patrik  
 ; APPLICANT: Bauren, Goran  
 ; APPLICANT: Mesis, Ate  
 ; APPLICANT: Pihlak, Arno  
 ; APPLICANT: Montelius, Andreas  
 ; TITLE OF INVENTION: Methods And Means For Manipulating Nucleic Acid  
 ; FILE REFERENCE: 620-234  
 ; CURRENT APPLICATION NUMBER: US/10/352,253A  
 ; CURRENT FILING DATE: 2003-01-28  
 ; PRIOR APPLICATION NUMBER: US 60/352,215  
 ; PRIOR FILING DATE: 2002-01-29  
 ; NUMBER OF SEQ ID NOS: 37  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 18  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence:  
 ; OTHER INFORMATION: Double-stranded product DNA  
 US-10-352-253A-18

Query Match 1.5%; Score 16; DB 1; Length 18;  
 Best Local Similarity 100.0%; Pred. No. 2e+02;  
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099  
 |||||  
 Db 16 AAAAAAAAAAAAAA 1

RESULT 224  
 US-10-352-255A-18/c  
 ; Sequence 18, Application US/10352255A  
 ; Publication No. US20030215839A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: LONNERBERG, Peter  
 ; APPLICANT: OLDIN, Mats  
 ; APPLICANT: LINNARSSON, Sten  
 ; APPLICANT: ERNFORS, Patrik  
 ; TITLE OF INVENTION: Methods and Means for Identification of Gene Features  
 ; FILE REFERENCE: 620-235  
 ; CURRENT APPLICATION NUMBER: US/10/352,255A  
 ; CURRENT FILING DATE: 2003-01-28  
 ; PRIOR APPLICATION NUMBER: US 60/352,245  
 ; PRIOR FILING DATE: 2002-01-29  
 ; NUMBER OF SEQ ID NOS: 25  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 18  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence:  
 ; OTHER INFORMATION: Double-stranded product DNA  
 US-10-352-255A-18

Query Match 1.5%; Score 16; DB 1; Length 18;  
 Best Local Similarity 100.0%; Pred. No. 2e+02;  
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099  
 |||||  
 Db 16 AAAAAAAAAAAAAA 1

RESULT 225  
 US-09-784-423-144/c  
 ; Sequence 144, Application US/09784423  
 ; Patent No. US20020012924A1  
 ; GENERAL INFORMATION:

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-730-559B-107

Query Match          1.5%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAA... 1098
Db 17 TAAAAA... 2

RESULT 217
US-10-352-255A-24/c
; Sequence 24, Application US/10352255A
; Publication No. US20030215839A1
; GENERAL INFORMATION:
; APPLICANT: LONNERBERG, Peter
; APPLICANT: OLDIN, Mats
; APPLICANT: LINNARSSON, Sten
; APPLICANT: ERNFORS, Patrik
; TITLE OF INVENTION: Methods and Means for Identification of Gene Features
; FILE REFERENCE: 620-235
; CURRENT APPLICATION NUMBER: US/10/352,255A
; CURRENT FILING DATE: 2003-01-28
; PRIOR APPLICATION NUMBER: US 60/352,245
; PRIOR FILING DATE: 2002-01-29
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Double-stranded product DNA
US-10-352-255A-24

Query Match          1.5%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAA... 1099
Db 16 AAAAAA... 1

RESULT 218
US-10-156-306-523/c
; Sequence 523, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 523
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-523

Query Match          1.5%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1082 TAAAAA... 1097
Db 17 TAAAAA... 2

RESULT 219
US-10-156-306-524/c
; Sequence 524, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 524
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-524

Query Match          1.5%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1082 TAAAAA... 1097
Db 16 TAAAAA... 1

RESULT 220
US-09-994-311-5/C
; Sequence 5, Application US/09994311
; Publication No. US20030082556A1
; GENERAL INFORMATION:
; APPLICANT: Kaufman, Joseph C.
; APPLICANT: Roth, Matthew B.
; APPLICANT: Lizardi, Paul M.
; APPLICANT: Peng, Li
; APPLICANT: Latimer, Darin R.
; TITLE OF INVENTION: Binary Encoded Sequence Tags
; FILE REFERENCE: AGL 100
; CURRENT APPLICATION NUMBER: US/09/994,311
; CURRENT FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: US/09/637,751
; PRIOR FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-994-311-5

Query Match          1.5%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAA... 1099
Db 16 AAAAAA... 1

RESULT 221
US-09-994-311-6/c
; Sequence 6, Application US/09994311
; Publication No. US20030082556A1
```

```
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Double-stranded product DNA
US-10-333-461-24

Query Match          1.5%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099
Db 16 AAAAAAAAAAAAAA 1

RESULT 213
US-10-309-152A-3/c
; Sequence 3, Application US/10309152A
; Publication No. US20030175759A1
; GENERAL INFORMATION:
; APPLICANT: Hitachi LTD.
; TITLE OF INVENTION: A method for prediction of genes and a method for providing a li
; FILE REFERENCE: H02001031A
; CURRENT APPLICATION NUMBER: US/10/309,152A
; PRIOR FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: JP 2002-047297
; PRIOR FILING DATE: 2002-02-25
; NUMBER OF SEQ ID NOS: 10
; SEQ ID NO 3
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Oligo-d(T) primer by Nippon Flour Mills
US-10-309-152A-3

Query Match          1.5%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAAAAAAAAA 1098
Db 17 TAAAAAAAAAAAAA 2

RESULT 214
US-10-352-253A-24/c
; Sequence 24, Application US/10352253A
; Publication No. US20030175908A1
; GENERAL INFORMATION:
; APPLICANT: Linnaeus, Sten
; APPLICANT: Ernfors, Patrik
; APPLICANT: Bauren, Goran
; APPLICANT: Metsis, Ato
; APPLICANT: Pihlak, Arno
; APPLICANT: Montelius, Andreas
; TITLE OF INVENTION: Methods And Means For Manipulating Nucleic Acid
; FILE REFERENCE: G20-234
; CURRENT APPLICATION NUMBER: US/10/352,253A
; CURRENT FILING DATE: 2003-01-28
; PRIOR APPLICATION NUMBER: US 60/352,215
; PRIOR FILING DATE: 2002-01-29
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Double-stranded product DNA
US-10-352-253A-24

Query Match          1.5%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099
Db 16 AAAAAAAAAAAAAA 1

RESULT 215
US-10-220-373-7/c
; Sequence 7, Application US/10220373
; Publication No. US20030180743A1
; GENERAL INFORMATION:
; APPLICANT: NAGASU, Takeshi
; APPLICANT: OSHIDA, Tadashi
; APPLICANT: OYAYASHI, Izumi
; APPLICANT: MATSUI, Keiko
; APPLICANT: SAITO, Hirohisa
; TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASE
; FILE REFERENCE: SHZ-010US
; CURRENT APPLICATION NUMBER: US/10/220,373
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: JP 2000-61832
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Artificially
; OTHER INFORMATION: Synthesized Primer Sequence
US-10-220-373-7

Query Match          1.5%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAAAAAAAAA 1098
Db 17 TAAAAAAAAAAAAA 2

RESULT 216
US-09-730-559B-107/c
; Sequence 107, Application US/09730559B
; Publication No. US20030207828A1
; GENERAL INFORMATION:
; APPLICANT: ISHIWATA, TETSUYOSHI
; APPLICANT: SAKURADA, MIKIO
; APPLICANT: KAWABATA, AYAKO
; APPLICANT: NAKAGAWA, SATOSHI
; APPLICANT: NISHI, TATSUNARI
; APPLICANT: KUGA, TETSURO
; APPLICANT: SAWADA, SHIGENASA
; APPLICANT: TAKEI, MASAMI
; APPLICANT: SHIBATA, KENJI
; APPLICANT: FURUYA, AKIO
; TITLE OF INVENTION: IGA NEPHROPATHY-ASSOCIATED GENE
; FILE REFERENCE: 766.21 CIP
; CURRENT APPLICATION NUMBER: US/09/730,559B
; CURRENT FILING DATE: 2000-12-07
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 107
; LENGTH: 17
; TYPE: DNA
; FEATURE:
```

APPLICANT: Buryakova, Alla  
APPLICANT: Choob, Mikhail  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF USE  
FILE REFERENCE: AM102.P.1.1US  
CURRENT FILING DATE: 2002-02-09  
CURRENT APPLICATION NUMBER: US/10/072,975  
PRIOR APPLICATION NUMBER: US 60/189,190  
PRIOR FILING DATE: 2000-03-14  
PRIOR APPLICATION NUMBER: US 60/250,334  
PRIOR FILING DATE: 2000-11-30  
PRIOR APPLICATION NUMBER: 09/805,296  
PRIOR FILING DATE: 2001-03-13  
PRIOR APPLICATION NUMBER: PCT/US01/0811  
PRIOR FILING DATE: 2001-03-13  
NUMBER OF SEQ ID NOS: 36  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 9  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Construct  
NAME/KEY: misc feature  
OTHER INFORMATION: Synthetic Construct  
US-10-072-975-9

Query Match 1.5%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099  
D5 16 AAAAAAAAAAAAAA 1

## RESULT 210

US-10-227-001-21/c  
Sequence 21, Application US/10227001  
Publication No. US20030113765A1  
GENERAL INFORMATION:  
APPLICANT: Dempcy, Robert O.  
APPLICANT: Afonina, Irina Aleksandrovna  
APPLICANT: Vermeulen, Nicolaas M.J.  
APPLICANT: Epoch Biosciences, Inc.  
TITLE OF INVENTION: Hybridization-Triggered Fluorescent  
DETECTION OF Nucleic Acids  
FILE REFERENCE: 17682A-004210US  
CURRENT APPLICATION NUMBER: US/10/227,001  
CURRENT FILING DATE: 2002-08-21  
PRIOR APPLICATION NUMBER: US 09/428,236  
PRIOR FILING DATE: 1993-10-26  
NUMBER OF SEQ ID NOS: 24  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 21  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: R2 (ODN) of fluorophore-MGB-ODN  
OTHER INFORMATION: conjugate  
US-10-227-001-21

Query Match 1.5%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099  
D5 16 AAAAAAAAAAAAAA 1

## RESULT 211

US-09-090-672B-105/c  
Sequence 105, Application US/09090672B  
Patent No. US20020068707A1  
GENERAL INFORMATION:  
APPLICANT: Ighiwata, Tetsuyoshi; Sakurada, Mikiko; Nishimura, Ayako; Nakagawa, Satochi; Nishi, Tatsunari; Kuga, Tetsuro; Sawada, Shigenasa; Rakei, Masami  
TITLE OF INVENTION: Iga Nephropathy-Related Genes  
NUMBER OF SEQUENCES: 111  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fitzpatrick, Cella, Harper & Scinto  
STREET: 30 Rockefeller Plaza  
CITY: New York  
STATE: New York  
ZIP: 10112-3801  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
COMPUTER: Compaq PC  
OPERATING SYSTEM: Windows 95  
SOFTWARE: WordPerfect 8.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/090,672B  
FILING DATE: 04-JUNE-1998  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/JP97/04468  
FILING DATE: 05-DEC-1997  
APPLICATION NUMBER: JP-8-325763  
FILING DATE: 05-DEC-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Perry, Lawrence S.  
REGISTRATION NUMBER: 31865  
REFERENCE/DOCKET NUMBER: 766.21  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 218-2100  
TELEFAX: (212) 218-2200  
INFORMATION FOR SEQ ID NO: 105:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid, synthetic DNA  
US-09-090-672B-105

Query Match 1.5%; Score 16; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1.8e+02; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAAAAAAAAA 1098  
D5 17 TAAAAAAAAAAAAA 2

## RESULT 212

US-10-333-461-24/c  
Sequence 24, Application US/10333461  
Publication No. US2003016592A1  
GENERAL INFORMATION:  
APPLICANT: Global Genomics AB  
APPLICANT: Linnarsson, Sten  
APPLICANT: Ernfors, Patrik  
APPLICANT: Bauren, Goran  
TITLE OF INVENTION: Methods for analysis and identification of transcribed  
GENES, AND FINGERPRINTING  
FILE REFERENCE: smwfp5941752  
CURRENT APPLICATION NUMBER: US/10/333,461  
CURRENT FILING DATE: 2003-01-21  
PRIOR APPLICATION NUMBER: GB 0018016.6  
PRIOR FILING DATE: 2000-07-21  
PRIOR APPLICATION NUMBER: US 60/219,925  
PRIOR FILING DATE: 2000-07-21  
NUMBER OF SEQ ID NOS: 25

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1084 AAAAAAAAAAAAAAAAAA 1099  
Db 1 AAAAAAAAAAAAAAAAAA 16

RESULT 207  
US-10-054-295-131  
; Sequence 131, Application US/10054295  
; Publication No. US20030044953A1  
; GENERAL INFORMATION:  
; APPLICANT: Cech, Thomas R.  
; Lingner, Joachim  
; Nakamura, Toru  
; Chapman, Karen B.  
; Morin, Gregg B.  
; Harley, Calvin  
; Andrews, William H.  
; TITLE OF INVENTION: No. US20030044953A1 Telomerase  
; NUMBER OF SEQUENCES: 225  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, 8th Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: United States of America  
; ZIP: 94111  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/054,295  
; FILING DATE: 18-Jan-2002  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/854,050  
; FILING DATE: <Unknown>  
; APPLICATION NUMBER: US 08/845,017  
; FILING DATE: 25-APR-1997  
; APPLICATION NUMBER: US 08/844,419  
; FILING DATE: 18-APR-1997  
; APPLICATION NUMBER: US 08/724,643  
; FILING DATE: 01-OCT-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Apple, Randolph T.  
; REGISTRATION NUMBER: 36,429  
; REFERENCE/DOCKET NUMBER: 015389-002930US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
; INFORMATION FOR SEQ ID NO: 131:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 131:  
US-10-054-295-131

Query Match 1.5%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1084 AAAAAAAAAAAAAAAAAA 1099  
Db 1 AAAAAAAAAAAAAAAAAA 16  
RESULT 208  
US-10-054-611-131

; Sequence 131, Application US/10054611  
; Publication No. US20030059787A1  
; GENERAL INFORMATION:  
; APPLICANT: Cech, Thomas R.  
; Lingner, Joachim  
; Nakamura, Toru  
; Chapman, Karen B.  
; Morin, Gregg B.  
; Harley, Calvin  
; Andrews, William H.  
; TITLE OF INVENTION: No. US20030059787A1 Telomerase  
; NUMBER OF SEQUENCES: 225  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, 8th Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: United States of America  
; ZIP: 94111  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/054,611  
; FILING DATE: 18-Jan-2002  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/854,050  
; FILING DATE: <Unknown>  
; APPLICATION NUMBER: US 08/846,017  
; FILING DATE: 25-APR-1997  
; APPLICATION NUMBER: US 08/844,419  
; FILING DATE: 18-APR-1997  
; APPLICATION NUMBER: US 08/724,643  
; FILING DATE: 01-OCT-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Apple, Randolph T.  
; REGISTRATION NUMBER: 36,429  
; REFERENCE/DOCKET NUMBER: 015389-002930US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
; INFORMATION FOR SEQ ID NO: 131:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 131:  
US-10-054-611-131  
Query Match 1.5%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1084 AAAAAAAAAAAAAAAAAA 1099  
Db 1 AAAAAAAAAAAAAAAAAA 16  
RESULT 209  
US-10-072-975-9/c  
; Sequence 9, Application US/10072975  
; Publication No. US20030059789A1  
; GENERAL INFORMATION:  
; APPLICANT: Active Motif  
; APPLICANT: Efimov, Vladimir  
; APPLICANT: Fernandez, Joseph  
; APPLICANT: Archdeacon, Dorothy  
; APPLICANT: Archdeacon, John  
; APPLICANT: Chakmakcheau, Oksana

US-10-208-357-22

Query Match 1.5%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099  
Db 16 AAAAAAAAAAAAAA 1

RESULT 204

US-10-203-780-9/c

Sequence 9, Application US/10203780  
Publication No. US20030165914A1  
GENERAL INFORMATION:  
APPLICANT: CUZIN, MARC  
APPLICANT: PELTIE, PHILIPPE  
APPLICANT: FONTECAVE, MARC  
APPLICANT: DECOUT, JEAN-LUC  
APPLICANT: DUEYMES, CECILE  
TITLE OF INVENTION: ANALYSIS OF BIOLOGICAL TARGETS USING A BIOCHIP COMPRISING A FLUOR  
TITLE OF INVENTION: MARKER  
FILE REFERENCE: 226286USOXFCT  
CURRENT APPLICATION NUMBER: US/10/203,780  
CURRENT FILING DATE: 2002-11-25  
PRIOR APPLICATION NUMBER: PCT/FR01/00516  
PRIOR FILING DATE: 2001-02-22  
PRIOR APPLICATION NUMBER: FR 00 02236  
PRIOR FILING DATE: 2000-02-23  
NUMBER OF SEQ ID NOS: 13  
SOFTWARE: Patent in version 3.1  
SEQ ID NO 9  
LENGTH: 16  
TYPE: DNA  
ORGANISM: ARTIFICIAL SEQUENCE  
FEATURE:  
OTHER INFORMATION: SYNTHETIC DNA  
FEATURE:  
NAME/KEY: modified base  
LOCATION: (1)..(1)  
OTHER INFORMATION: t is modified with a covalent linkage to flavin

US-10-203-780-9

Query Match 1.5%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099  
Db 16 AAAAAAAAAAAAAA 1

RESULT 205

US-10-208-357-22

Sequence 22, Application US/10208357  
Publication No. US20020182687A1  
GENERAL INFORMATION:  
APPLICANT: Kurz, Markus  
APPLICANT: Lohse, Peter  
APPLICANT: Wagner, Richard  
TITLE OF INVENTION: Peptide Acceptor Ligation Methods  
FILE REFERENCE: 50036/031002  
CURRENT APPLICATION NUMBER: US/10/208,357  
CURRENT FILING DATE: 2002-07-30  
PRIOR APPLICATION NUMBER: US/09/619,103  
PRIOR FILING DATE: 2000-07-19  
PRIOR APPLICATION NUMBER: 60/145,934  
PRIOR FILING DATE: 1999-07-27  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 22  
LENGTH: 16  
TYPE: DNA

US-10-208-357-22

Query Match 1.5%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099  
Db 16 AAAAAAAAAAAAAA 1

RESULT 206

US-10-053-758-131

Sequence 131, Application US/10053758  
Publication No. US20030032075A1  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
APPLICANT: Lingner, Joachim  
APPLICANT: Nakamura, Toru  
APPLICANT: Chapman, Karen B.  
APPLICANT: Morin, Gregg B.  
APPLICANT: Harley, Calvin  
APPLICANT: Andrews, William H.  
TITLE OF INVENTION: No. US20030032075A1el Telomerase  
NUMBER OF SEQUENCES: 225  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/053,758  
FILING DATE: 18-Jan-2002  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/854,050  
FILING DATE: 09-MAY-1997  
APPLICATION NUMBER: US 08/851,843  
FILING DATE: 06-MAY-1997  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002930US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 131:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 131:  
US-10-053-758-131

Query Match 1.5%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;

TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 131:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-438-486-131

Query Match 1.5%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099  
| | | | | | | | | | | | | | | | | |  
| | | | | | | | | | | | | | | | | |  
Db 1 AAAAAAAAAAAAAA 16

RESULT 201

US-10-008-029-70/c  
Sequence 70, Application US/10008029  
Publication No. US2003013480A1  
GENERAL INFORMATION:  
APPLICANT: WENDEL, JESPER  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
FILE REFERENCE: 49165-C2(71994)  
CURRENT APPLICATION NUMBER: US/10/008,029  
CURRENT FILING DATE: 2001-11-05  
PRIOR FILING DATE: 1998-09-11  
PRIOR FILING DATE: 1998-09-11  
PRIOR FILING DATE: 1997-09-12  
PRIOR FILING DATE: 1997-09-12  
PRIOR FILING DATE: 1997-12-19  
PRIOR FILING DATE: 1997-12-19  
PRIOR FILING DATE: 1998-01-16  
PRIOR FILING DATE: 1998-03-03  
PRIOR FILING DATE: 1998-03-03  
PRIOR FILING DATE: 1998-04-29  
PRIOR FILING DATE: 1998-06-05  
PRIOR FILING DATE: 1998-06-05  
PRIOR FILING DATE: 1998-07-28  
NUMBER OF SEQ ID NOS: 146  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 70  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-008-029-70

Query Match 1.5%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099  
| | | | | | | | | | | | | | | | | |  
| | | | | | | | | | | | | | | | | |  
Db 1 AAAAAAAAAAAAAA 16

RESULT 202

US-10-051-436-9/c  
Sequence 9, Application US/10051436  
Publication No. US20030138045A1  
GENERAL INFORMATION:  
APPLICANT: Active Motif  
APPLICANT: Efimov, Vladimir  
APPLICANT: Fernandez, Joseph

APPLICANT: Archdeacon, Dorothy  
APPLICANT: Archdeacon, John  
APPLICANT: Chakmakicheau, Oksana  
APPLICANT: Buryakova, Alla  
APPLICANT: Choob, Mikhail  
APPLICANT: Hondorp, Kyle  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF U  
FILE REFERENCE: AM102.P.1US  
CURRENT APPLICATION NUMBER: US/10/051,436  
CURRENT FILING DATE: 2002-01-18  
PRIOR APPLICATION NUMBER: US 60/189,190  
PRIOR FILING DATE: 2000-03-14  
PRIOR APPLICATION NUMBER: US 60/250,334  
PRIOR FILING DATE: 2000-11-30  
NUMBER OF SEQ ID NOS: 18  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 9  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc feature  
OTHER INFORMATION: Synthetic Construct  
US-10-051-436-9

Query Match 1.5%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099  
| | | | | | | | | | | | | | | | | |  
| | | | | | | | | | | | | | | | | |  
Db 16 AAAAAAAAAAAAAA 1

RESULT 203

US-10-208-650-70/c  
Sequence 70, Application US/10208650  
Publication No. US20030144231A1  
GENERAL INFORMATION:  
APPLICANT: WENDEL, JESPER  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
FILE REFERENCE: 49165-C2(71994)  
CURRENT APPLICATION NUMBER: US/10/208,650  
CURRENT FILING DATE: 2002-07-29  
PRIOR APPLICATION NUMBER: US/10/008,029  
PRIOR FILING DATE: 2001-11-05  
PRIOR APPLICATION NUMBER: 09/152,059  
PRIOR FILING DATE: 1998-09-11  
PRIOR APPLICATION NUMBER: 60/058,541  
PRIOR FILING DATE: 1997-09-12  
PRIOR APPLICATION NUMBER: 60/068,293  
PRIOR FILING DATE: 1997-12-19  
PRIOR APPLICATION NUMBER: 60/071,682  
PRIOR FILING DATE: 1998-01-16  
PRIOR APPLICATION NUMBER: 60/076,591  
PRIOR FILING DATE: 1998-03-03  
PRIOR APPLICATION NUMBER: 60/083,507  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/088,309  
PRIOR FILING DATE: 1998-06-05  
PRIOR APPLICATION NUMBER: 60/094,355  
PRIOR FILING DATE: 1998-07-28  
NUMBER OF SEQ ID NOS: 146  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 70  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-208-650-70



/ APPLICATION NUMBER: US 09/507,345  
/ FILING DATE: 18-FEB-2000  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Kezer, William B.  
/ REGISTRATION NUMBER: 37,369  
/ REFERENCE/DOCKET NUMBER: 17682A-003510US  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: (415) 576-0200  
/ TELEFAX: (415) 576-0300  
/ INFORMATION FOR SEQ ID NO: 2:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 16 base pairs  
/ TYPE: nucleic acid  
/ STRANDEDNESS: single  
/ TOPOLOGY: linear  
/ MOLECULE TYPE: DNA  
/ SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
US-09-739-928-2

Query Match 1.5%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099  
DB 16 AAAAAAAAAAAAAA 1

RESULT 196  
US-09-152-059-70/c  
; Sequence 70, Application US/09152059  
; Patent No. US20020068708A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (711994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 70  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-09-152-059-70

Query Match 1.5%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099  
DB 16 AAAAAAAAAAAAAA 1

RESULT 197  
US-09-805-296D-9/c  
; Sequence 9, Application US/09805296D  
; Patent No. US20020155989A1  
; GENERAL INFORMATION:  
; APPLICANT: Active Motif  
; APPLICANT: Efimov, Vladimir  
; APPLICANT: Fernandez, Joseph  
; APPLICANT: Archdeacon, John  
; APPLICANT: Archdeacon, John  
; APPLICANT: Chakmakcheau, Oksana  
; APPLICANT: Buryakova, Alla  
; APPLICANT: Choob, Mikhail  
; APPLICANT: Hendorp, Kyle  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF U  
; FILE REFERENCE: AM102.P1US  
; CURRENT APPLICATION NUMBER: US/09/805,296D  
; CURRENT FILING DATE: 2001-03-13  
; PRIOR APPLICATION NUMBER: US 60/189,190  
; PRIOR FILING DATE: 2000-03-14  
; PRIOR APPLICATION NUMBER: US 60/250,334  
; PRIOR FILING DATE: 2000-11-30  
; NUMBER OF SEQ ID NOS: 16  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 9  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Construct  
; NAME/KEY: misc\_feature  
; OTHER INFORMATION: Synthetic Construct  
US-09-805-296D-9

Query Match 1.5%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1099  
DB 16 AAAAAAAAAAAAAA 1

RESULT 198  
US-09-843-676-131  
; Sequence 131, Application US/09843676  
; Patent No. US20020164786A1  
; GENERAL INFORMATION:  
; APPLICANT: Cech, Thomas R.  
; Lingner, Joachim  
; Nakamura, Toru  
; Chapman, Karen B.  
; Morin, Gregg B.  
; Harley, Calvin  
; Andrews, William H.  
; TITLE OF INVENTION: No. US20020164786A1el Telomerase  
; NUMBER OF SEQUENCES: 225  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, 8th Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: United States of America  
; ZIP: 94111  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/843,676  
; FILING DATE: 26-Apr-2001  
; CLASSIFICATION: 536

; Sequence 1, Application US/09981397A  
; Publication No. US20030082519A1  
; GENERAL INFORMATION:  
; APPLICANT: Axixma Pharmaceuticals AG  
; APPLICANT: Schubart, Daniel  
; APPLICANT: Habenberger, Peter  
; APPLICANT: Stein-Gerlach, Matthias  
; APPLICANT: Bevec, Dorian  
; TITLE OF INVENTION: Cellular Kinases Involved in Cytomegalovirus Infection and their  
; TITLE OF INVENTION: Inhibition  
; FILE REFERENCE: AXM-004.1 US  
; CURRENT APPLICATION NUMBER: US/09/981.397A  
; CURRENT FILING DATE: 2002-05-28  
; PRIOR APPLICATION NUMBER: 60/240,750  
; PRIOR FILING DATE: 2000-10-16  
; NUMBER OF SEQ ID NOS: 22  
; SOFTWARE: Patent in version 3.1  
; SEQ ID NO 1  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: synthetic polyT primer  
; NAME/KEY: misc\_feature  
; LOCATION: (18)..(18)  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (17)..(17)  
; OTHER INFORMATION: v = a,g or c  
US-09-981-397A-1  
  
Query Match 1.5%; Score 16.2; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 1.8e+02;  
Matches 16; Conservative 1; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1083 TAAAAAATAAAAAAAAAA 1099  
Db 17 BAAAAAATAAAAAAAAAA 1  
  
RESULT 193  
US-10-103-614A-4  
; Sequence 4, Application US/10103614A  
; Publication No. US20030059796A1  
; GENERAL INFORMATION:  
; APPLICANT: SALMAN AL-MAHMOOD  
; TITLE OF INVENTION: METHOD FOR IDENTIFYING NOVEL GENES INVOLVED IN THE  
; TITLE OF INVENTION: REGULATION OF ANGIOGENESIS, STUDY OF SAID GENES AND USE  
; TITLE OF INVENTION: THEREOF FOR THERAPEUTIC PURPOSES  
; FILE REFERENCE: 1071-02  
; CURRENT APPLICATION NUMBER: US/10/103,614A  
; CURRENT FILING DATE: 2002-08-22  
; PRIOR APPLICATION NUMBER: PCT/FR00/02607  
; PRIOR FILING DATE: 2000-09-20  
; PRIOR APPLICATION NUMBER: FR 99/11790  
; PRIOR FILING DATE: 1999-09-21  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: Patent in Ver. 2.1  
; SEQ ID NO 4  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
; NAME/KEY: modified\_base  
; LOCATION: (1)  
; OTHER INFORMATION: a, t, c or g  
; NAME/KEY: modified\_base  
; LOCATION: (19)  
; OTHER INFORMATION: a, t, c or g  
US-10-103-614A-4

Query Match 1.5%; Score 16.2; DB 1; Length 19;  
Best Local Similarity 94.1%; Pred. No. 1.9e+02;  
Matches 16; Conservative 1; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1084 AAAAAAATAAAAAAAAAA 1100  
Db 2 VAAAAAATAAAAAAAAAA 18  
  
RESULT 194  
US-09-905-674-10  
; Sequence 10, Application US/09905674  
; Publication No. US20030039647A1  
; GENERAL INFORMATION:  
; APPLICANT: Reinhard, Christoph  
; APPLICANT: Garcia, Pablo  
; TITLE OF INVENTION: TETRASPAN PROTEIN AND USES THEREOF  
; FILE REFERENCE: PP-01700.002/200130.521  
; CURRENT APPLICATION NUMBER: US/09/905,674  
; CURRENT FILING DATE: 2001-07-13  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 10  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide sequence  
US-09-905-674-10  
  
Query Match 1.5%; Score 16.2; DB 1; Length 23;  
Best Local Similarity 85.7%; Pred. No. 2.3e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
QY 530 TCAACGCCCTCTTCGACTC 550  
Db 2 TCAACTCCCTCGCTCGACTC 22  
  
RESULT 195  
US-09-739-928-2/c  
; Sequence 2, Application US/09739928  
; Patent No. US20020052482A1  
; GENERAL INFORMATION:  
; APPLICANT: Kutyavin, Igor V.  
; Lukhtanov, Eugeny A.  
; Gamber, Howard B.  
; Meyer Jr., Rich B.  
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor  
; Groove Binder Conjugates  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/739,928  
; FILING DATE: 11-May-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/415,370  
; FILING DATE: 03-APR-1995  
; APPLICATION NUMBER: US 09/141,764  
; FILING DATE: 27-AUG-1998

; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: oligonucleotide annealing to 3' end of L1 insert  
US-10-216-122-151

Query Match 1.5%; Score 17; DB 1; Length 24;  
Best Local Similarity 100.0%; Pred. No. 1.8e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 189

US-09-752-983-249  
; Sequence 249, Application US/09752983  
; Patent No. US20010016578A1  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/752,983  
; FILING DATE: 02-Jan-2001  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/280,805  
; FILING DATE: <Unknown>  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Licata, Jane Massey  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0346  
; TELEPHONE: 609-810-1515  
; TELEFAX: 609-810-1454  
; INFORMATION FOR SEQ ID NO: 249:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
US-09-752-983-249

Query Match 1.5%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 1.6e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 996 AGCTGAGCGTGGAGATGG 1015  
Db 1 AGGCTGAGCGAGGAGATGG 20

RESULT 190

US-10-005-344-249  
; Sequence 249, Application US/10005344

; Publication No. US20030203862A1  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia  
; APPLICANT: Pamela Nero  
; APPLICANT: Mark J. Graham  
; APPLICANT: Brett P. Monia  
; APPLICANT: Erich Koller  
; APPLICANT: Mingyi Chiang  
; APPLICANT: Mano Manoharan  
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.  
; FILE REFERENCE: ISPH-0622  
; CURRENT APPLICATION NUMBER: US/10/005,344  
; CURRENT FILING DATE: 2001-12-04  
; PRIOR APPLICATION NUMBER: US 09/048,810  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: US 09/280,805  
; PRIOR FILING DATE: 1999-03-26  
; NUMBER OF SEQ ID NOS: 379  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 249  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-005-344-249

Query Match 1.5%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 1.6e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 996 AGCTGAGCGTGGAGATGG 1015  
Db 1 AGGCTGAGCGAGGAGATGG 20

RESULT 191

US-09-994-311-7/c  
; Sequence 7, Application US/0994311  
; Publication No. US2003008256A1  
; GENERAL INFORMATION:  
; APPLICANT: Kaufman, Joseph C.  
; APPLICANT: Roth, Matthew E.  
; APPLICANT: Lizardi, Paul M.  
; APPLICANT: Feng, Li  
; APPLICANT: Latimer, Darin R.  
; TITLE OF INVENTION: Binary Encoded Sequence Tags  
; FILE REFERENCE: AGL 100  
; CURRENT APPLICATION NUMBER: US/09/994,311  
; CURRENT FILING DATE: 2001-11-26  
; PRIOR APPLICATION NUMBER: US/09/637,751  
; PRIOR FILING DATE: 2000-08-11  
; NUMBER OF SEQ ID NOS: 10  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 7  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-09-994-311-7

Query Match 1.5%; Score 16.4; DB 1; Length 18;  
Best Local Similarity 94.4%; Pred. No. 1.7e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1082 TTAATAAAAAAAAAAAAAA 1099  
Db 18 TGAATAAAAAAAAAAAAAA 1

RESULT 192

US-09-981-397A-1/c



```
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 21
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-371-066-2

Query Match      1.5%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 181
US-10-170-172-2
; Sequence 2, Application US/10170172
; Publication No. US20030190632A1
; GENERAL INFORMATION:
; APPLICANT: SOSNOWSKI, RONALD G
; APPLICANT: BUTLER, WILLIAM F
; APPLICANT: TU, EUGENE
; APPLICANT: MERENBERG, MICHAEL I
; APPLICANT: HELLER, MICHAEL J
; APPLICANT: EDMAN, CARL F
; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC
; TITLE OF INVENTION: INTEGRATED SYSTEMS, COMPONENT DEVICES, MECHANISMS,
; TITLE OF INVENTION: METHODS, AND PROCEDURES FOR MOLECULAR BIOLOGICAL
; TITLE OF INVENTION: ANALYSIS AND DIAGNOSTICS
; FILE REFERENCE: DAVID B. MURPHY; Nanogen 227/194
; CURRENT APPLICATION NUMBER: US/10/170,172
; CURRENT FILING DATE: 2002-06-11
; PRIOR APPLICATION NUMBER: US/08/996,065
; PRIOR FILING DATE: 1997-12-05
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: u
; LOCATION: (21)
; OTHER INFORMATION: Description of Artificial Sequence: Synthesized
; OTHER INFORMATION: with u at 3' terminus to provide ribonucleic acid
; OTHER INFORMATION: base for reactivity; Poly A sequence for reduced
; OTHER INFORMATION: secondary structure
US-10-170-172-2

Query Match      1.5%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 182
US-10-096-221-4
; Sequence 4, Application US/10096221
; Publication No. US20020164628A1
; GENERAL INFORMATION:
; APPLICANT: Kurn, Nurith
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
; FILE REFERENCE: 492692000700
; CURRENT APPLICATION NUMBER: US/10/096,221
; CURRENT FILING DATE: 2002-06-27

; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 21
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-10-096-221-4

Query Match      1.5%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 2 AAAAAAAAAAAAAAAAAA 18

RESULT 183
US-10-112-653-881/c
; Sequence 881, Application US/10112653
; Publication No. US20030050269A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: COL039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 881
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-881

Query Match      1.5%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 21 AAAAAAAAAAAAAAAAAA 5

RESULT 184
US-10-017-995-912/c
; Sequence 912, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 912
```

```
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/912,014
; FILING DATE: 24-Jul-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/146,504
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 203/218
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-912-014-2

Query Match 1.5%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 178
US-09-997-672-41/c
; Sequence 41, Application US/09997672
; Publication No. US20030061632A1
; GENERAL INFORMATION:
; APPLICANT: Weterings, Koen
; APPLICANT: Apuya, Nestor R.
; APPLICANT: Tatrinova, Tatiana
; APPLICANT: Goldberg, Robert B.
; APPLICANT: The Regents of the University of California
; APPLICANT: Ceres, Inc.
; TITLE OF INVENTION: Polynucleotides Useful for Modulating Transcription
; FILE REFERENCE: 023070-115810US
; CURRENT APPLICATION NUMBER: US/09/997,672
; CURRENT FILING DATE: 2001-11-28
; PRIOR APPLICATION NUMBER: US 60/253,672
; PRIOR FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 41
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:dt-20cdn
; NAME/KEY: modified_base
; LOCATION: (21)
; OTHER INFORMATION: n = 9, c, a or t
US-09-997-672-41

Query Match 1.5%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 20 AAAAAAAAAAAAAAAAAA 4
```

```
RESULT 179
US-09-776-479-912/c
; Sequence 912, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratsler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouton, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 912
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-912

Query Match 1.5%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 21 AAAAAAAAAAAAAAAAAA 5

RESULT 180
US-10-371-066-2
; Sequence 2, Application US/10371066
; Publication No. US20030162214A1
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J.; and Tu, Eugene
; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
; MICROELECTRONIC SYSTEMS AND DEVICES FOR
; MOLECULAR BIOLOGICAL ANALYSIS AND
; DIAGNOSTICS
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/371,066
; FILING DATE: 21-Feb-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/146,504
; FILING DATE: No. US20030162214A1ember 1, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 203/218
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
```

```

; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
;
; OTHER INFORMATION: Oligomer Sequence
;
; FEATURE:
;
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
;
; OTHER INFORMATION: Sequence
US-10-255-434-26

```

```
Query Match      1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
D'b 1 AAAAAAAAAAAAAAAAAA 17

RESULT 176

US-09-888-326-840/c  
; Sequence 840, Application US/09888326  
; Publication No. US20030026801A1  
; GENERAL INFORMATION:

```

/ APPLICANT: Weiner, George
/ APPLICANT: Hartmann, Gunther
/ TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
/ TITLE OF INVENTION: Cell Lysis and Treating Cancer
/ FILE REFERENCE: C1039/7052 (AWS)
/ CURRENT APPLICATION NUMBER: US/09/888,326
/ CURRENT FILING DATE: 2001-06-22
/ PRIOR APPLICATION NUMBER: US 60/213,346
/ PRIOR FILING DATE: 2000-06-22
/ NUMBER OF SEQ ID NOS: 848
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 840
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide
/ NAME/KEY: misc_feature
/ LOCATION: (0)..(0)
/ OTHER INFORMATION: phosphorothioate backbone
/ US-09-888-326-840

```

```
Query Match      1.5%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Qy	1084	AAAAAAAAAAAAAAAA	1100
Db	21	AAAAAAAAAAAAAAAA	5

RESULT 177

US-09-912-014-2  
Sequence 2, Application US/09312014  
Publication No. US2003005929A1  
GENERAL INFORMATION:  
APPLICANT: Heller, Michael J.; and Tu, Eugene  
TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING  
MICROELECTRONIC SYSTEMS AND DEVICES FOR  
MOLECULAR BIOLOGICAL ANALYSIS AND  
DIAGNOSTICS

NUMBER OF SEQUENCES: 31  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 611 West Sixth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90017  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
COMPUTER: IBM compatible



Query Match 1.5%; Score 17; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAA 1100  
 |||||  
 Db 20 AAAAAAAAAAAAAAA 4

RESULT 168  
 US-10-017-995-560  
 ; Sequence 560, Application US/10017995  
 ; Publication No. US20030055014A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Bratzler, Robert L.  
 ; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids  
 ; FILE REFERENCE: C1037/7025 (HCL/WAT)  
 ; CURRENT APPLICATION NUMBER: US/10/017,995  
 ; CURRENT FILING DATE: 2001-12-18  
 ; PRIOR APPLICATION NUMBER: US 60/255,534  
 ; PRIOR FILING DATE: 2000-12-14  
 ; NUMBER OF SEQ ID NOS: 1093  
 ; SOFTWARE: FastSeq for Windows Version 3.0  
 ; SEQ ID NO 560  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic Sequence  
 US-10-017-995-560

Query Match 1.5%; Score 17; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAA 1100  
 |||||  
 Db 1 AAAAAAAAAAAAAAA 17

RESULT 169  
 US-10-194-138-32  
 ; Sequence 32, Application US/10194138  
 ; Publication No. US20030082588A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Nancosphere, Inc.  
 ; APPLICANT: Garimella, Viswanadham  
 ; TITLE OF INVENTION: Method for Immobilizing Molecules onto Surfaces  
 ; FILE REFERENCE: 01-897-B  
 ; CURRENT APPLICATION NUMBER: US/10/194,138  
 ; CURRENT FILING DATE: 2002-07-12  
 ; PRIOR APPLICATION NUMBER: 60/363472  
 ; PRIOR FILING DATE: 2002-03-12  
 ; PRIOR APPLICATION NUMBER: 60/305369  
 ; PRIOR FILING DATE: 2001-07-13  
 ; NUMBER OF SEQ ID NOS: 32  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 32  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: "a20" oligonucleotide probe  
 US-10-194-138-32

Query Match 1.5%; Score 17; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAA 1100  
 |||||  
 Db 1 AAAAAAAAAAAAAAA 17

RESULT 170  
 US-10-008-978-55  
 ; Sequence 55, Application US/10008978  
 ; Publication No. US20030087242A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Mirkin, Chad A.  
 ; APPLICANT: Letsinger, Robert L.  
 ; APPLICANT: Mucic, Robert C.  
 ; APPLICANT: Storhoff, James J.  
 ; APPLICANT: Elghariani, Robert  
 ; APPLICANT: Taton, Thomas A.  
 ; APPLICANT: Garimella, Viswanadham  
 ; APPLICANT: Li, Zhi  
 ; APPLICANT: Park, So-Jung  
 ; APPLICANT: Lu, Gang  
 ; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
 ; FILE REFERENCE: 00-1272-C  
 ; CURRENT APPLICATION NUMBER: US/10/008,978  
 ; CURRENT FILING DATE: 2002-05-20  
 ; PRIOR APPLICATION NUMBER: 09/927,777  
 ; PRIOR FILING DATE: 2001-08-10  
 ; PRIOR APPLICATION NUMBER: 09/820,279  
 ; PRIOR FILING DATE: 2001-03-28  
 ; PRIOR APPLICATION NUMBER: 09/760,500  
 ; PRIOR FILING DATE: 2001-01-12  
 ; PRIOR APPLICATION NUMBER: 09/603,830  
 ; PRIOR FILING DATE: 2000-06-26  
 ; PRIOR APPLICATION NUMBER: 09/344,667  
 ; PRIOR FILING DATE: 1999-06-25  
 ; PRIOR APPLICATION NUMBER: 09/240,755  
 ; PRIOR FILING DATE: 1999-01-29  
 ; PRIOR APPLICATION NUMBER: PCT/US97/12783  
 ; PRIOR FILING DATE: 1997-07-21  
 ; PRIOR APPLICATION NUMBER: 60/031,809  
 ; PRIOR FILING DATE: 1996-07-29  
 ; PRIOR APPLICATION NUMBER: 60/176,409  
 ; PRIOR FILING DATE: 2000-01-13  
 ; PRIOR APPLICATION NUMBER: 60/192,699  
 ; PRIOR FILING DATE: 2000-03-28  
 ; PRIOR APPLICATION NUMBER: 60/200,161  
 ; PRIOR FILING DATE: 2000-04-26  
 ; PRIOR APPLICATION NUMBER: 60/213,906  
 ; PRIOR FILING DATE: 2000-06-26  
 ; PRIOR APPLICATION NUMBER: 60/224,631  
 ; PRIOR FILING DATE: 2000-08-11  
 ; PRIOR APPLICATION NUMBER: 60/254,392  
 ; PRIOR FILING DATE: 2000-12-08  
 ; PRIOR APPLICATION NUMBER: 60/254,418  
 ; PRIOR FILING DATE: 2000-12-08  
 ; PRIOR APPLICATION NUMBER: 60/255,235  
 ; PRIOR FILING DATE: 2000-12-11  
 ; PRIOR APPLICATION NUMBER: 60/255,236  
 ; PRIOR FILING DATE: 2000-12-11  
 ; PRIOR APPLICATION NUMBER: 60/282,640  
 ; PRIOR FILING DATE: 2000-04-01  
 ; NUMBER OF SEQ ID NOS: 76  
 ; SOFTWARE: Microsoft Word 2000  
 ; SEQ ID NO 55  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: random  
 ; OTHER INFORMATION: synthetic sequence  
 US-10-008-978-55

Query Match 1.5%; Score 17; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAA 1100

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-537

Query Match
Best Local Similarity 1.5%; Score 17; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 164
US-10-077-383-5
; Sequence 5, Application US/10077383
; Publication No. US2003005044A1
; GENERAL INFORMATION:
; APPLICANT: Haydock, Paul V.
; APPLICANT: U'Ren, Jack
; APPLICANT: Saigene Corporation
; TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
; TITLE OF INVENTION: DNA/RNA Mixed Polymer Intermediate Products
; FILE REFERENCE: 018048-001710US
; CURRENT APPLICATION NUMBER: US/10/077,383
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US 60/296,812
; PRIOR FILING DATE: 2001-06-07
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: (A)-12-20
; OTHER INFORMATION: homopolymer spacer sequence
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (13)..(20)
; OTHER INFORMATION: a at positions 13-20 may be present or absent
US-10-077-383-5

Query Match
Best Local Similarity 1.5%; Score 17; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 165
US-10-077-383-6/c
; Sequence 6, Application US/10077383
; Publication No. US2003005044A1
; GENERAL INFORMATION:
; APPLICANT: Haydock, Paul V.
; APPLICANT: U'Ren, Jack
; APPLICANT: Saigene Corporation
; TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
; TITLE OF INVENTION: DNA/RNA Mixed Polymer Intermediate Products
; FILE REFERENCE: 018048-001710US
; CURRENT APPLICATION NUMBER: US/10/077,383
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US 60/296,812
; PRIOR FILING DATE: 2001-06-07
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-537

Query Match
Best Local Similarity 1.5%; Score 17; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 166
US-10-017-995-226/c
; Sequence 226, Application US/10017995
; Publication No. US2003005014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 226
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-226

Query Match
Best Local Similarity 1.5%; Score 17; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 20 AAAAAAAAAAAAAAAAAA 4

RESULT 167
US-10-017-995-556/c
; Sequence 556, Application US/10017995
; Publication No. US2003005014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 556
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-556
```

```
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 11
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Unknown Organism
/ FEATURE:
/ OTHER INFORMATION: Description of Unknown Organism: Target sequence
/ OTHER INFORMATION: Target sequence that is desired to be detected and
/ OTHER INFORMATION: that has a nucleotide sequence that is
/ OTHER INFORMATION: complementary to the sequence of complementary
/ OTHER INFORMATION: probe of hairpin loop assembly
US-10-176-055-11

Query Match          1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
    |||||
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 160
US-10-117-267-1/c
/ Sequence 1, Application US/10117267
/ Publication No. US20030045698A1
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ TITLE OF INVENTION: Compounds, Processes And Intermediates For Synthesis Of Mixed Back
/ FILE REFERENCE: ISIS-5039
/ CURRENT APPLICATION NUMBER: US/10/117,267
/ PRIOR FILING DATE: 2002-04-05
/ PRIOR APPLICATION NUMBER: 09/726,096
/ PRIOR FILING DATE: 2000-11-29
/ PRIOR APPLICATION NUMBER: 09/250,075
/ PRIOR FILING DATE: 1999-02-12
/ NUMBER OF SEQ ID NOS: 12
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 1
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Construct
/ NAME/KEY: misc_feature
/ LOCATION: (1)..(20)
/ OTHER INFORMATION: 2'-methoxyethoxy (MOE)
US-10-117-267-1

Query Match          1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
    |||||
Db 20 AAAAAAAAAAAAAAAAAA 4

RESULT 161
US-10-112-653-218/c
/ Sequence 218, Application US/10112653
/ Publication No. US20030050268A1
/ GENERAL INFORMATION:
/ APPLICANT: Krieg, Arthur M.
/ APPLICANT: Berg, Daniel J.
/ TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
/ FILE REFERENCE: C01039/70060(AWS)
/ CURRENT APPLICATION NUMBER: US/10/112,653
/ PRIOR FILING DATE: 2002-03-29
/ PRIOR APPLICATION NUMBER: US 60/279,642
/ NUMBER OF SEQ ID NOS: 1040
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 537
/ LENGTH: 20
```

```
/ CURRENT FILING DATE: 2002-03-29
/ PRIOR APPLICATION NUMBER: US 60/279,642
/ PRIOR FILING DATE: 2001-03-29
/ NUMBER OF SEQ ID NOS: 1040
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 218
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-218

Query Match          1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
    |||||
Db 20 AAAAAAAAAAAAAAAAAA 4

RESULT 162
US-10-112-653-533/c
/ Sequence 533, Application US/10112653
/ Publication No. US20030050268A1
/ GENERAL INFORMATION:
/ APPLICANT: Krieg, Arthur M.
/ APPLICANT: Berg, Daniel J.
/ TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
/ FILE REFERENCE: C01039/70060(AWS)
/ CURRENT APPLICATION NUMBER: US/10/112,653
/ PRIOR FILING DATE: 2002-03-29
/ PRIOR APPLICATION NUMBER: US 60/279,642
/ PRIOR FILING DATE: 2001-03-29
/ NUMBER OF SEQ ID NOS: 1040
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 533
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-533

Query Match          1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
    |||||
Db 20 AAAAAAAAAAAAAAAAAA 4

RESULT 163
US-10-112-653-537
/ Sequence 537, Application US/10112653
/ Publication No. US20030050268A1
/ GENERAL INFORMATION:
/ APPLICANT: Krieg, Arthur M.
/ APPLICANT: Berg, Daniel J.
/ TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
/ FILE REFERENCE: C01039/70060(AWS)
/ CURRENT APPLICATION NUMBER: US/10/112,653
/ PRIOR FILING DATE: 2002-03-29
/ PRIOR APPLICATION NUMBER: US 60/279,642
/ NUMBER OF SEQ ID NOS: 1040
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 537
/ LENGTH: 20
```

```
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 156
US-10-266-983-70
; Sequence 70, Application US/10266983
; Publication No. US20030207296A1
; GENERAL INFORMATION:
; APPLICANT: Park, So-Jung
; APPLICANT: Taton, Thomas Andrew
; APPLICANT: Mitkin, Chad A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 01-1565-A
; CURRENT APPLICATION NUMBER: US/10/266,983
; CURRENT FILING DATE: 2002-10-08
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
US-10-266-983-70

Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 157
US-10-208-357-26
; Sequence 26, Application US/10208357
; Publication No. US20020182697A1
; GENERAL INFORMATION:
; APPLICANT: Kurz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/10/208,357
```

```
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US/09/619,103
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-10-208-357-26

Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 158
US-10-051-643-83
; Sequence 83, Application US/10051643
; Publication No. US20020197265A1
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Tan, Paul L. J.
; TITLE OF INVENTION: Methods and Compounds for the Treatment
; TITLE OF INVENTION: of Immunologically-Mediated Diseases of the Respiratory
; TITLE OF INVENTION: System using Mycobacterium Vaccae
; FILE REFERENCE: 11000.1008c2
; CURRENT APPLICATION NUMBER: US/10/051,643
; CURRENT FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: US09/156,181
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: US 08/996,624
; PRIOR FILING DATE: 1997-12-23
; NUMBER OF SEQ ID NOS: 208
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Made in a lab
US-10-051-643-83

Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 159
US-10-176-055-11
; Sequence 11, Application US/10176055
; Publication No. US2003003109A1
; GENERAL INFORMATION:
; APPLICANT: Evident Technologies
; TITLE OF INVENTION: Hairpin Sensors Using Quenchable Fluorescing Agents
; FILE REFERENCE: 11739/26
; CURRENT APPLICATION NUMBER: US/10/176,055
; CURRENT FILING DATE: 2002-06-21
; PRIOR APPLICATION NUMBER: 60/239,460
; PRIOR FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 11
```

```
; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
; MICROELECTRONIC SYSTEMS AND DEVICES FOR
; MOLECULAR BIOLOGICAL ANALYSIS AND
; DIAGNOSTICS
;
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/371.066
; FILING DATE: 21-Feb-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/146,504
; FILING DATE: NO. US20030162214A/ember 1, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 203/218
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-10-371-066-16
Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAA 1100
| | | | | | | | | | | | | | | | | | | | | |
Db 20 AAAAAAAAAAAAAAA 4

RESULT 154
US-10-410-324-55
; Sequence 55, Application US/10410324
; Publication No. US20030180783A1
; GENERAL INFORMATION:
; APPLICANT: Letsinger, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Eighanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-126
; CURRENT APPLICATION NUMBER: US/10/410,324
; PRIOR FILING DATE: 2003-04-09
; PRIOR APPLICATION NUMBER: 03/961,949
; PRIOR FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 03/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
```

```
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; OTHER INFORMATION: synthetic sequence
US-10-410-324-55
Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAA 1100
| | | | | | | | | | | | | | | | | | | | | |
Db 1 AAAAAAAAAAAAAAA 17

RESULT 155
US-10-266-983-55
; Sequence 55, Application US/10266983
; Publication No. US20030207296A1
; GENERAL INFORMATION:
; APPLICANT: Park, So-Jung
; APPLICANT: Taton, Thomas Andrew
; APPLICANT: Mirkin, Chad A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 01-1565-A
; CURRENT APPLICATION NUMBER: US/10/266,983
; CURRENT FILING DATE: 2002-10-08
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; OTHER INFORMATION: synthetic sequence
US-10-266-983-55
Query Match 1.5%; Score 17; DB 1; Length 20;
```

```
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
    |||||
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 150
US-09-975-059A-55
; Sequence 55, Application US/09975059A
; Publication No. US20030143538A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-115
; CURRENT APPLICATION NUMBER: US/09/975,059A
; CURRENT FILING DATE: 2001-10-11
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-975-059A-55

Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
    |||||
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 151
US-10-278-047-1/c
; Sequence 1, Application US/10278047
; Publication No. US20030143591A1
; GENERAL INFORMATION:
; APPLICANT: Davies, Martin
; APPLICANT: Bruce, Ian
; APPLICANT: Wolter, Andreas
; TITLE OF INVENTION: NUCLEIC ACID PROBES AND METHODS TO DETECT AND/OR QUANTIFY NUCLEIC ACID ANALYTES
; FILE REFERENCE: PRO 07
; CURRENT APPLICATION NUMBER: US/10/278,047
; CURRENT FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: 60/336,432
; PRIOR FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
```

```
LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic Nucleic Acid Probe
; NAME/KEY: misc feature
; LOCATION: (1)..(20)
US-10-278-047-1

Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
    |||||
Db 20 AAAAAAAAAAAAAAAAAA 4

RESULT 152
US-09-976-968A-55
; Sequence 55, Application US/09976968A
; Publication No. US20030148282A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-117
; CURRENT APPLICATION NUMBER: US/09/976,968A
; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-976-968A-55

Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
    |||||
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 153
US-10-371-066-16/c
; Sequence 16, Application US/10371066
; Publication No. US20030162214A1
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J.; and Tu, Eugene
```

Db 20 AAAAAAAAAAAAAAAAAA 4

## RESULT 146

US-09-776-479-226/c  
; Sequence 226, Application US/09776479  
; Publication No. US20030087848A1  
; GENERAL INFORMATION:  
; APPLICANT: Bratzler, Robert L.  
; APPLICANT: Petersen, Deanna M.  
; APPLICANT: Fouron, Yves  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the  
; TITLE OF INVENTION: Treatment of Asthma and Allergy  
; FILE REFERENCE: C1037/7013 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/09/776,479  
; CURRENT FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,991  
; PRIOR FILING DATE: 2000-02-03  
; NUMBER OF SEQ ID NOS: 1093  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 226  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-226

Query Match 1.5%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100

Db 20 AAAAAAAAAAAAAAAAAA 4

## RESULT 147

US-09-776-479-556/c  
; Sequence 556, Application US/09776479  
; Publication No. US20030087848A1  
; GENERAL INFORMATION:  
; APPLICANT: Bratzler, Robert L.  
; APPLICANT: Petersen, Deanna M.  
; APPLICANT: Fouron, Yves  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the  
; TITLE OF INVENTION: Treatment of Asthma and Allergy  
; FILE REFERENCE: C1037/7013 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/09/776,479  
; CURRENT FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,991  
; PRIOR FILING DATE: 2000-02-03  
; NUMBER OF SEQ ID NOS: 1093  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 556  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-556

Query Match 1.5%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100

Db 20 AAAAAAAAAAAAAAAAAA 4

## RESULT 148

US-09-776-479-560

; Sequence 560, Application US/09776479  
; Publication No. US20030087848A1  
; GENERAL INFORMATION:  
; APPLICANT: Bratzler, Robert L.  
; APPLICANT: Petersen, Deanna M.  
; APPLICANT: Fouron, Yves  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the  
; TITLE OF INVENTION: Treatment of Asthma and Allergy  
; FILE REFERENCE: C1037/7013 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/09/776,479  
; CURRENT FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,991  
; PRIOR FILING DATE: 2000-02-03  
; NUMBER OF SEQ ID NOS: 1093  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 560  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-560

Query Match 1.5%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100

Db 1 AAAAAAAAAAAAAAAAAA 17

## RESULT 149

US-09-976-601A-55  
; Sequence 55, Application US/09976601A  
; Publication No. US20030124528A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Stornhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; TITLE OF INVENTION: AND USES THEREFOR  
; FILE REFERENCE: 00-713-116  
; CURRENT APPLICATION NUMBER: US/09/976,601A  
; CURRENT FILING DATE: 2001-10-15  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/200,161  
; PRIOR FILING DATE: 2000-04-26  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 55  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: random  
; OTHER INFORMATION: synthetic sequence  
US-09-976-601A-55

Query Match 1.5%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;

SOFTWARE: WordPerfect (Version 5.1)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/912,014  
FILING DATE: 24-Jul-2001  
CLASSIFICATION: <unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/146,504  
FILING DATE: <unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 203/218  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 16:  
US-09-912-014-16

Query Match 1.5%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
|||||  
DB 20 AAAAAAAAAAAAAAAAAA 4

## RESULT 143

US-09-997-672-40/c  
Sequence 40, Application US/09997672  
Publication No. US20030061632A1  
GENERAL INFORMATION:  
APPLICANT: Waterings, Koen  
APPLICANT: Apyva, Nestor R.  
APPLICANT: Tatarinova, Tatiana  
APPLICANT: Goldberg, Robert B.  
APPLICANT: The Regents of the University of California  
APPLICANT: Ceres, Inc.  
TITLE OF INVENTION: Polynucleotides Useful for Modulating Transcription  
FILE REFERENCE: 023070-115810US  
CURRENT APPLICATION NUMBER: US/09/997,672  
CURRENT FILING DATE: 2001-11-28  
PRIOR APPLICATION NUMBER: US 60/253,672  
PRIOR FILING DATE: 2000-11-28  
NUMBER OF SEQ ID NOS: 42  
SOFTWARE: Patent In Ver. 2.1  
SEQ ID NO 40  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: oligo(dt-20)  
OTHER INFORMATION: primer  
US-09-997-672-40

Query Match 1.5%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
|||||  
DB 20 AAAAAAAAAAAAAAAAAA 4

## RESULT 144

US-09-976-863A-55

Sequence 55, Application US/09976863A  
Publication No. US20030068622A1  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storhoff, James J.  
APPLICANT: Elghanian, Robert  
APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
FILE REFERENCE: 00-713-119  
CURRENT APPLICATION NUMBER: US/09/976,863A  
CURRENT FILING DATE: 2001-10-12  
PRIOR APPLICATION NUMBER: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-08-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 60/031,809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/200,161  
PRIOR FILING DATE: 2000-04-26  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Microsoft Word 2000  
SEQ ID NO 55  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
OTHER INFORMATION: synthetic sequence  
US-09-976-863A-55

Query Match 1.5%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
|||||  
DB 1 AAAAAAAAAAAAAAAAAA 17

## RESULT 145

US-09-881-535-2/c  
Sequence 2, Application US/09881535  
Publication No. US20030069410A1  
GENERAL INFORMATION:  
APPLICANT: Ravikumar, Vasulunga T.  
TITLE OF INVENTION: Methods For Preparing Oligonucleotides Having Chiral Phosphorothioate Linkages  
FILE REFERENCE: IS184785  
CURRENT APPLICATION NUMBER: US/09/881,535  
CURRENT FILING DATE: 2001-06-14  
NUMBER OF SEQ ID NOS: 7  
SOFTWARE: Patent In version 3.1  
SEQ ID NO 2  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: No. US20030069410A1e1 Sequence  
OTHER INFORMATION: 535-2

Query Match 1.5%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
|||||

Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 141

US-09-957-313A-55

Sequence 55, Application US/09957313A

Publication No. US2003005977A1

GENERAL INFORMATION:

APPLICANT: Mirkin, Chad A.

APPLICANT: Letsinger, Robert L.

APPLICANT: Mucic, Robert C.

APPLICANT: Storhoff, James J.

APPLICANT: Elghanian, Robert

APPLICANT: Taton, Thomas A.

TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO

FILE REFERENCE: 00-713-13

CURRENT APPLICATION NUMBER: US/09/957,313A

CURRENT FILING DATE: 2002-03-05

PRIOR APPLICATION NUMBER: 09/603,830

PRIOR FILING DATE: 2000-06-26

PRIOR APPLICATION NUMBER: 09/344,667

PRIOR FILING DATE: 1999-06-25

PRIOR APPLICATION NUMBER: 09/240,755

PRIOR FILING DATE: 1999-01-29

PRIOR APPLICATION NUMBER: PCT/US97/12783

PRIOR FILING DATE: 1997-07-21

PRIOR APPLICATION NUMBER: 60/031,809

PRIOR FILING DATE: 1996-07-29

PRIOR APPLICATION NUMBER: 60/200,161

PRIOR FILING DATE: 2000-04-26

NUMBER OF SEQ ID NOS: 64

SOFTWARE: Microsoft Word 2000

SEQ ID NO 55

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: random

OTHER INFORMATION: synthetic sequence

US-09-974-500A-55

Query Match 1.5%; Score 17; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.4e+02;

Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100

Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 140

US-09-975-376A-55

Sequence 55, Application US/09975376A

Publication No. US20030054358A1

GENERAL INFORMATION:

APPLICANT: Mirkin, Chad A.

APPLICANT: Letsinger, Robert L.

APPLICANT: Mucic, Robert C.

APPLICANT: Storhoff, James J.

APPLICANT: Elghanian, Robert

APPLICANT: Taton, Thomas A.

TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO

FILE REFERENCE: 00-713-112

CURRENT APPLICATION NUMBER: US/09/975,376A

CURRENT FILING DATE: 2002-05-07

PRIOR APPLICATION NUMBER: 09/603,830

PRIOR FILING DATE: 2000-06-26

PRIOR APPLICATION NUMBER: 09/344,667

PRIOR FILING DATE: 1999-06-25

PRIOR APPLICATION NUMBER: 09/240,755

PRIOR FILING DATE: 1999-01-29

PRIOR APPLICATION NUMBER: PCT/US97/12783

PRIOR FILING DATE: 1997-07-21

PRIOR APPLICATION NUMBER: 60/031,809

PRIOR FILING DATE: 1996-07-29

PRIOR APPLICATION NUMBER: 60/200,161

PRIOR FILING DATE: 2000-04-26

NUMBER OF SEQ ID NOS: 64

SOFTWARE: Microsoft Word 2000

SEQ ID NO 55

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: random

OTHER INFORMATION: synthetic sequence

US-09-975-376A-55

Query Match 1.5%; Score 17; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.4e+02;

Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100

Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 142

US-09-912-014-16/c

Sequence 16, Application US/09912014

Publication No. US2003005929A1

GENERAL INFORMATION:

APPLICANT: Heller, Michael J.; and Tu, Eugene

TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC SYSTEMS AND DEVICES FOR MOLECULAR BIOLOGICAL ANALYSIS AND DIAGNOSTICS

NUMBER OF SEQUENCES: 31

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 611 West Sixth Street

CITY: Los Angeles

STATE: California

COUNTRY: USA

ZIP: 90017

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM compatible

OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)

Query Match 1.5%; Score 17; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.4e+02;

Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100

Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 142

US-09-912-014-16/c

Sequence 16, Application US/09912014

Publication No. US2003005929A1

GENERAL INFORMATION:

APPLICANT: Heller, Michael J.; and Tu, Eugene

TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC SYSTEMS AND DEVICES FOR MOLECULAR BIOLOGICAL ANALYSIS AND DIAGNOSTICS

NUMBER OF SEQUENCES: 31

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 611 West Sixth Street

CITY: Los Angeles

STATE: California

COUNTRY: USA

ZIP: 90017

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM compatible

OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)

APPLICANT: Hartmann, Gunther  
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced  
TITLE OF INVENTION: Cell Lysis and Treating Cancer  
FILE REFERENCE: C1039/7052 (AWS)  
CURRENT APPLICATION NUMBER: US/09/888,326  
CURRENT FILING DATE: 2001-06-22  
PRIOR APPLICATION NUMBER: US 60/213,346  
PRIOR FILING DATE: 2000-06-22  
NUMBER OF SEQ ID NOS: 848  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 839  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide  
NAME/KEY: misc\_feature  
LOCATION: (0)...(0)  
OTHER INFORMATION: phosphodiester backbone  
US-09-888-326-839

Query Match 1.5%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100  
Db 20 AAAAAAAAAAAAAAAAAA 4

## RESULT 137

US-09-981-344-55  
Sequence 55, Application US/09981344  
Publication No. US20030044805A1  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storhoff, James J.  
APPLICANT: Elghanian, Robert  
APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
FILE REFERENCE: 00-713-122  
CURRENT APPLICATION NUMBER: US/09/981,344  
CURRENT FILING DATE: 2002-03-05  
PRIOR APPLICATION NUMBER: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 60/031,809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/200,161  
PRIOR FILING DATE: 2000-04-26  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Microsoft Word 2000  
SEQ ID NO 55  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
OTHER INFORMATION: synthetic sequence

Query Match 1.5%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match 1.5%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100  
Db 1 AAAAAAAAAAAAAAAAAA 17

## RESULT 138

US-09-957-318A-55  
Sequence 55, Application US/09957318A  
Publication No. US20030049630A1  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storhoff, James J.  
APPLICANT: Elghanian, Robert  
APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
FILE REFERENCE: 00-713-12  
CURRENT APPLICATION NUMBER: US/09/957,318A  
CURRENT FILING DATE: 2002-03-05  
PRIOR APPLICATION NUMBER: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 60/031,809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/200,161  
PRIOR FILING DATE: 2000-04-26  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Microsoft Word 2000  
SEQ ID NO 55  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
OTHER INFORMATION: synthetic sequence

Query Match 1.5%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100  
Db 1 AAAAAAAAAAAAAAAAAA 17

## RESULT 139

US-09-974-500A-55  
Sequence 55, Application US/09974500A  
Publication No. US20030049631A1  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storhoff, James J.  
APPLICANT: Elghanian, Robert  
APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
FILE REFERENCE: 00-713-17  
CURRENT APPLICATION NUMBER: US/09/974,500A  
CURRENT FILING DATE: 2002-04-01  
PRIOR APPLICATION NUMBER: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25

Query Match 1.5%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
; PRIOR FILING DATE: 1997-12-23
; NUMBER OF SEQ ID NOS: 194
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Made in a lab
US-09-880-505-83

Query Match          1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
|||||
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 133
US-09-820-279B-55
; Sequence 55, Application US/09820279B
; Publication No. US20030022169A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-1085-A
; CURRENT APPLICATION NUMBER: US/09/820,279B
; CURRENT FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; OTHER INFORMATION: synthetic sequence
US-09-820-279B-55

Query Match          1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
|||||
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 134
US-09-888-326-2
; Sequence 2, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; FILE REFERENCE: C1039/7052 (AWS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: phosphodiester backbone
US-09-888-326-2

Query Match          1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
|||||
Db 20 AAAAAAAAAAAAAAAAAA 4

RESULT 136
US-09-888-326-839/c
; Sequence 839, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; FILE REFERENCE: C1039/7052 (AWS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 838
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: phosphothioate backbone
US-09-888-326-838

Query Match          1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
|||||
Db 20 AAAAAAAAAAAAAAAAAA 4

RESULT 136
US-09-888-326-839/c
; Sequence 839, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; FILE REFERENCE: C1039/7052 (AWS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 838
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: phosphothioate backbone
US-09-888-326-838
```

```
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 70
; TYPE: DNA
; LENGTH: 20
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-927-777A-70
```

```
Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1084 AAAAAAAAAAAAAAAAAA 1100
    |||||
Db 1 AAAAAAAAAAAAAAAAAA 17
```

## RESULT 130

```
US-09-966-491A-55
; Sequence 55, Application US/09966491A
; Publication No. US20020182611A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Stornhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-14
; CURRENT APPLICATION NUMBER: US/09/966,491A
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; TYPE: DNA
; LENGTH: 20
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-966-491A-55
```

```
Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1084 AAAAAAAAAAAAAAAAAA 1100
    |||||
Db 1 AAAAAAAAAAAAAAAAAA 17
```

## RESULT 131

```
US-09-976-971A-55
; Sequence 55, Application US/09976971A
; Publication No. US20020182613A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Stornhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-118
; CURRENT APPLICATION NUMBER: US/09/976,971A
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-971A-55
```

```
Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1084 AAAAAAAAAAAAAAAAAA 1100
    |||||
Db 1 AAAAAAAAAAAAAAAAAA 17
```

## RESULT 132

```
US-09-880-505-83
; Sequence 83, Application US/09880505
; Publication No. US20030007976A1
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Tan, Paul L.J.
; APPLICANT: Prestidge, Ross
; TITLE OF INVENTION: Methods and Compounds for the Treatment
; TITLE OF INVENTION: of Immunologically-Mediated Skin Disorders
; FILE REFERENCE: 11000.1007c2
; CURRENT APPLICATION NUMBER: US/09/880,505
; CURRENT FILING DATE: 2001-06-13
; PRIOR APPLICATION NUMBER: US 09/324,542
; PRIOR FILING DATE: 1999-06-02
; PRIOR APPLICATION NUMBER: US 08/997,080
```

```
; Sequence 55, Application US/09966312
; Patent No. US20020164605A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-15
; CURRENT APPLICATION NUMBER: US/09/966,312
; PRIOR FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-966-312-55

Query Match          1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 128
US-09-927-777A-55
; Sequence 55, Application US/09927777A
; Patent No. US20020172953A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-653-A
; CURRENT APPLICATION NUMBER: US/09/927,777A
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1999-06-25
```

```
; Sequence 55, Application US/09240,755
; Patent No. US20020164605A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-15
; CURRENT APPLICATION NUMBER: US/09/966,312
; PRIOR FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-927-777A-55

Query Match          1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 129
US-09-927-777A-70
; Sequence 70, Application US/09927777A
; Patent No. US20020172953A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-653-A
; CURRENT APPLICATION NUMBER: US/09/927,777A
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
```

```
Query Match      1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
   |||||
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 124
US-09-976-378A-55
; Sequence 55, Application US/09976378A
; Patent No. US20020155461A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-125
; CURRENT APPLICATION NUMBER: US/09/976,378A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-378A-55

Query Match      1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
   |||||
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 125
US-09-976-577-55
; Sequence 55, Application US/09976577
; Patent No. US20020155462A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-120
; CURRENT APPLICATION NUMBER: US/09/976,577
; CURRENT FILING DATE: 2002-03-05
; OTHER INFORMATION: synthetic sequence
US-09-976-577-55

Query Match      1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
   |||||
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 126
US-09-977-554-5/c
; Sequence 5, Application US/09771554
; Patent No. US20020155496A1
; GENERAL INFORMATION:
; APPLICANT: CHARLES, Marie Helene
; APPLICANT: PIGA, Nadia
; APPLICANT: BATAIL-POIROT, Nicole
; APPLICANT: VERON, Laurent
; APPLICANT: DELAIR, Thierry
; APPLICANT: MANDRAND, Bernard
; TITLE OF INVENTION: SATURATED AND UNSATURATED ABIETANE DERIVATIVES, DERIVED CONJUGATE
; TITLE OF INVENTION: USES IN A DIAGNOSTIC COMPOSITION, A REAGENT AND A DEVICE
; FILE REFERENCE: 108473
; CURRENT APPLICATION NUMBER: US/09/771,554
; CURRENT FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: PCT/FR99/01846
; PRIOR FILING DATE: 1999-07-27
; PRIOR APPLICATION NUMBER: FR 98/10084
; PRIOR FILING DATE: 1998-07-31
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-771-554-5

Query Match      1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
   |||||
Db 20 AAAAAAAAAAAAAAAAAA 4

RESULT 127
US-09-966-312-55
```

```
Query Match      1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
   |||||
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 126
US-09-771-554-5/c
; Sequence 5, Application US/09771554
; Patent No. US20020155496A1
; GENERAL INFORMATION:
; APPLICANT: CHARLES, Marie Helene
; APPLICANT: PIGA, Nadia
; APPLICANT: BATAIL-POIROT, Nicole
; APPLICANT: VERON, Laurent
; APPLICANT: DELAIR, Thierry
; APPLICANT: MANDRAND, Bernard
; TITLE OF INVENTION: SATURATED AND UNSATURATED ABIETANE DERIVATIVES, DERIVED CONJUGATE
; TITLE OF INVENTION: USES IN A DIAGNOSTIC COMPOSITION, A REAGENT AND A DEVICE
; FILE REFERENCE: 108473
; CURRENT APPLICATION NUMBER: US/09/771,554
; CURRENT FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: PCT/FR99/01846
; PRIOR FILING DATE: 1999-07-27
; PRIOR APPLICATION NUMBER: FR 98/10084
; PRIOR FILING DATE: 1998-07-31
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-771-554-5

Query Match      1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
   |||||
Db 20 AAAAAAAAAAAAAAAAAA 4

RESULT 127
US-09-966-312-55
```

```

US-09-961-949A-55
Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1100
| | | | | | | | | | | | | | | | | | | | | |
DB 1 AAAAAAAAAAAAAA 17

RESULT 121
US-09-760-500A-55
Sequence 55, Application US/09760500A
Patent No. US20020155442A1
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storhoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
FILE REFERENCE: 00-715-A
CURRENT APPLICATION NUMBER: US/09/760,500A
PRIOR FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
OTHER INFORMATION: synthetic sequence
US-09-760-500A-55

Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1100
| | | | | | | | | | | | | | | | | | | | | |
DB 1 AAAAAAAAAAAAAA 17

RESULT 122
US-09-967-409A-55
Sequence 55, Application US/09967409A
Patent No. US20020155458A1
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storhoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
FILE REFERENCE: 00-713-16
CURRENT APPLICATION NUMBER: US/09/967,409A
PRIOR FILING DATE: 2001-10-11
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
OTHER INFORMATION: synthetic sequence
US-09-967-409A-55

Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1100
| | | | | | | | | | | | | | | | | | | | | |
DB 1 AAAAAAAAAAAAAA 17

RESULT 123
US-09-975-062A-55
Sequence 55, Application US/09975062A
Patent No. US20020155459A1
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storhoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
FILE REFERENCE: 00-713-11
CURRENT APPLICATION NUMBER: US/09/975,062A
PRIOR FILING DATE: 2001-10-11
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
OTHER INFORMATION: synthetic sequence
US-09-975-062A-55

```

```

; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-973-638A-55

Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
DB 1 AAAAAAAAAAAAAAAAAA 17

RESULT 118
US-09-974-007-55
; Sequence 55, Application US/09974007
; Patent No. US2002013707A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-18
; CURRENT APPLICATION NUMBER: US/09/974,007
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; TITLE OF INVENTION: AND USES THEREFOR
US-09-974-007-55

Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
DB 1 AAAAAAAAAAAAAAAAAA 17

RESULT 120
US-09-961-949A-55
; Sequence 55, Application US/09961949A
; Patent No. US20020146720A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-11
; CURRENT APPLICATION NUMBER: US/09/961,949A
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; TITLE OF INVENTION: AND USES THEREFOR
US-09-974-007-55

Query Match 1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
DB 1 AAAAAAAAAAAAAAAAAA 17

RESULT 119
US-09-976-617A-55
; Sequence 55, Application US/09976617A
; Patent No. US2002013707A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO

```

STREET: 6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: United States of America  
ZIP: 60606-6402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/224,683  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/005,893  
FILING DATE: 12-JAN-1998  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/449,653  
FILING DATE: 24-MAY-1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/982,255  
FILING DATE: 25-NOV-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/589,701  
FILING DATE: 01-OCT-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/573,616  
FILING DATE: 24-AUG-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/537,198  
FILING DATE: 11-JUN-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/422,383  
FILING DATE: 16-OCT-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Clough, David W.  
REGISTRATION NUMBER: 36,107  
REFERENCE/DOCKET NUMBER: 01017/35136  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312/474-6300  
TELEFAX: 312/474-0448  
TELEX: 25-3856  
INFORMATION FOR SEQ ID NO: 34:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-09-224-683-34

Query Match 1.5%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred.No.1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100  
Db 18 AAAAAAAAAAAAAAAAAA 2

RESULT 116  
US-09-973-788A-55  
Sequence 55, Application US/09973788A  
Patent No. US20020127574A1  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Mucic, Robert L.  
APPLICANT: Storhoff, James J.  
APPLICANT: Elghanian, Robert

APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
TITLE OF INVENTION: AND USES THEREFOR  
FILE REFERENCE: 00-713-110  
CURRENT APPLICATION NUMBER: US/09/973,788A  
CURRENT FILING DATE: 2002-03-05  
PRIOR APPLICATION NUMBER: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 60/031,809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/200,161  
PRIOR FILING DATE: 2000-04-26  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Microsoft Word 2000  
SEQ ID NO 55  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
US-09-973-788A-55  
OTHER INFORMATION: synthetic sequence

Query Match 1.5%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred.No.1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100  
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 117  
US-09-973-638A-55  
Sequence 55, Application US/09973638A  
Patent No. US20020137070A1  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storhoff, James J.  
APPLICANT: Elghanian, Robert  
APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
TITLE OF INVENTION: AND USES THEREFOR  
FILE REFERENCE: 00-713-i9  
CURRENT APPLICATION NUMBER: US/09/973,638A  
CURRENT FILING DATE: 2002-03-12  
PRIOR APPLICATION NUMBER: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 60/031,809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/200,161  
PRIOR FILING DATE: 2000-04-26  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Microsoft Word 2000  
SEQ ID NO 55  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:

STATE: Illinois  
COUNTRY: United States of America  
ZIP: 60606-6402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/005,243  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/449,653  
FILING DATE: 24-MAY-1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/982,255  
FILING DATE: 25-NOV-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/589,701  
FILING DATE: 01-OCT-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/573,616  
FILING DATE: 24-AUG-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/537,198  
FILING DATE: 11-JUN-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/422,383  
FILING DATE: 16-OCT-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Clough, David W.  
REGISTRATION NUMBER: 36,107  
REFERENCE/DOCKET NUMBER: 01017/34465  
TELEPHONE: 312/474-6300  
TELEFAX: 312/474-0448  
TELEX: 25-3856  
INFORMATION FOR SEQ ID NO: 34:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-09-005-243-34

Query Match 1.5%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAA 1100  
DB 18 AAAAAAAAAAAAAAAA 2

RESULT 114  
US-09-224-683-32/c  
Sequence 32, Application US/09224683  
Patent No. US20020031491A1  
GENERAL INFORMATION:  
APPLICANT: Zsebo, Kristztina M.  
APPLICANT: Bosselman, Robert A.  
APPLICANT: Suggs, Sidney V.  
APPLICANT: Martin, Francis H.  
TITLE OF INVENTION: Stem Cell Factor: Composition Claims  
NUMBER OF SEQUENCES: 104  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
STREET: 6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois

COUNTRY: United States of America  
ZIP: 60606-6402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/224,683  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/005,893  
FILING DATE: 12-JAN-1998  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/449,653  
FILING DATE: 24-MAY-1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/982,255  
FILING DATE: 25-NOV-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/589,701  
FILING DATE: 01-OCT-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/573,616  
FILING DATE: 24-AUG-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/537,198  
FILING DATE: 11-JUN-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/422,383  
FILING DATE: 16-OCT-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Clough, David W.  
REGISTRATION NUMBER: 36,107  
REFERENCE/DOCKET NUMBER: 01017/35136  
TELEPHONE: 312/474-6300  
TELEFAX: 312/474-0448  
TELEX: 25-3856  
INFORMATION FOR SEQ ID NO: 32:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-09-224-683-32

Query Match 1.5%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAA 1100  
DB 18 AAAAAAAAAAAAAAAA 2

RESULT 115  
US-09-224-683-34/c  
Sequence 34, Application US/09224683  
Patent No. US20020031491A1  
GENERAL INFORMATION:  
APPLICANT: Zsebo, Kristztina M.  
APPLICANT: Bosselman, Robert A.  
APPLICANT: Suggs, Sidney V.  
APPLICANT: Martin, Francis H.  
TITLE OF INVENTION: Stem Cell Factor: Composition Claims  
NUMBER OF SEQUENCES: 104  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun



RESULT 108  
US-10-098-816-16/c  
; Sequence 16, Application US/10098816  
; Publication No. US20030105311A1  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Mohan, Venkatraman  
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form  
; FILE REFERENCE: ISIS3310  
; CURRENT APPLICATION NUMBER: US/10/098,816  
; CURRENT FILING DATE: 2002-04-19  
; PRIOR APPLICATION NUMBER: US/09/303,586  
; PRIOR FILING DATE: 1999-05-03  
; NUMBER OF SEQ ID NOS: 34  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 16  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc feature  
; OTHER INFORMATION: Oligonucleotide  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (16)..(17)  
; OTHER INFORMATION: 2' - O-MOE linkage  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (17)..(18)  
; OTHER INFORMATION: 2' - O-MOE linkage  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (18)..(19)  
; OTHER INFORMATION: 2' - O-MOE linkage  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (19)..(20)  
; OTHER INFORMATION: 2' - O-MOE linkage  
US-10-098-816-16

Query Match 1.5%; Score 17; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
|||  
Db 19 AAAAAAAAAAAAAAAAAA 3

RESULT 109  
US-10-098-816-17/c  
; Sequence 17, Application US/10098816  
; Publication No. US20030105311A1  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Mohan, Venkatraman  
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form  
; FILE REFERENCE: ISIS3310  
; CURRENT APPLICATION NUMBER: US/10/098,816  
; CURRENT FILING DATE: 2002-04-19  
; PRIOR APPLICATION NUMBER: US/09/303,586  
; PRIOR FILING DATE: 1999-05-03  
; NUMBER OF SEQ ID NOS: 34  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 17  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc feature  
; OTHER INFORMATION: Oligonucleotide  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (15)..(16)

; OTHER INFORMATION: sub O linkage  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (16)..(17)  
; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (17)..(18)  
; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (18)..(19)  
; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (19)..(20)  
; OTHER INFORMATION: 3' - O-MOE linkage  
US-10-098-816-17

Query Match 1.5%; Score 17; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
|||  
Db 19 AAAAAAAAAAAAAAAAAA 3

RESULT 110  
US-10-098-816-18/c  
; Sequence 18, Application US/10098816  
; Publication No. US20030105311A1  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Mohan, Venkatraman  
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form  
; FILE REFERENCE: ISIS3310  
; CURRENT APPLICATION NUMBER: US/10/098,816  
; CURRENT FILING DATE: 2002-04-19  
; PRIOR APPLICATION NUMBER: US/09/303,586  
; PRIOR FILING DATE: 1999-05-03  
; NUMBER OF SEQ ID NOS: 34  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 18  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc feature  
; OTHER INFORMATION: Oligonucleotide  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (15)..(16)  
; OTHER INFORMATION: sub O linkage  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (16)..(17)  
; OTHER INFORMATION: 2' - O-MOE; sub O linkage  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (17)..(18)  
; OTHER INFORMATION: 2' - O-MOE; sub O linkage  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (18)..(19)  
; OTHER INFORMATION: 2' - O-MOE; sub O linkage  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (19)..(20)  
; OTHER INFORMATION: 2' - O-MOE  
US-10-098-816-18



```
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
/ NAME/KEY: misc_feature
/ LOCATION: (15)..(18)
/ OTHER INFORMATION: 2'-methyleneiminoxyethoxy
US-10-123-597-25

Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred.No.1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
DB 19 AAAAAAAAAAAAAAAAAA 3

RESULT 101
US-10-100-321-22
; Sequence 22, Application US/10100321
; Publication No. US20030087251A1
; GENERAL INFORMATION:
; APPLICANT: Kurn, Nurith
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; FILE REFERENCE: 492692000500
; CURRENT APPLICATION NUMBER: US/10/100,321
; CURRENT FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/274,550
; PRIOR FILING DATE: 2001-03-09
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; NAME/KEY: misc_feature
; LOCATION: 1
; OTHER INFORMATION: n = A,T,C or G
US-10-100-321-22

Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred.No.1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
DB 2 AAAAAAAAAAAAAAAAAA 18

RESULT 102
US-10-100-321-24
; Sequence 24, Application US/10100321
; Publication No. US20030087251A1
; GENERAL INFORMATION:
; APPLICANT: Kurn, Nurith
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; FILE REFERENCE: 492692000500
; CURRENT APPLICATION NUMBER: US/10/100,321
; CURRENT FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/274,550
; PRIOR FILING DATE: 2001-03-09
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer

US-10-100-321-24
Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred.No.1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
DB 1 AAAAAAAAAAAAAAAAAA 17

RESULT 103
US-10-232-881-1/c
; Sequence 1, Application US/10232881
; Publication No. US2003008088A1
; GENERAL INFORMATION:
; APPLICANT: Ravikumar, Vasulinga
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Capaldi, Daniel
; APPLICANT: Krotz, Achim
; APPLICANT: Cole, Douglas
; APPLICANT: Guzaev, Andrei
; TITLE OF INVENTION: Improved Process for the Synthesis of Oligomeric
; FILE REFERENCE: ISIS3380
; CURRENT APPLICATION NUMBER: US/10/232,881
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US/09/288,679
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: 60/118,564
; PRIOR FILING DATE: 1999-02-04
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: No. US2003008088A1e1 Sequence
US-10-232-881-1

Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred.No.1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
DB 19 AAAAAAAAAAAAAAAAAA 3

RESULT 104
US-10-247-893-3/c
; Sequence 3, Application US/10247893
; Publication No. US20030092046A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Isis-4406
; CURRENT APPLICATION NUMBER: US/10/247,893
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: US/09/612,531
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
US-10-123-597-14

Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
   |||||
Db 19 AAAAAAAAAAAAAAAAAA 3

RESULT 99
US-10-123-597-15/c
; Sequence 15, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; PRIOR FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
US-10-123-597-15

Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
   |||||
Db 19 AAAAAAAAAAAAAAAAAA 3

RESULT 100
US-10-123-597-25/c
; Sequence 25, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; PRIOR FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 25
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
   |||||
Db 19 AAAAAAAAAAAAAAAAAA 3

RESULT 97
US-10-123-597-12/c
; Sequence 12, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; PRIOR FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
US-10-123-597-12

Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
   |||||
Db 19 AAAAAAAAAAAAAAAAAA 3

RESULT 98
US-10-123-597-14/c
; Sequence 14, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; PRIOR FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
```

```
Db      19 AAAAAAAAAAAAAAAAAAAAA 3
|||||
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

US-10-123-597-5/c
; Sequence 5, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
US-10-123-597-5

Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAAAAAAAAA 1100
Db      19 AAAAAAAAAAAAAAAAAAAAA 3
|||||

US-10-123-597-6/c
; Sequence 6, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-O-propyl
US-10-123-597-6

Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

US-10-123-597-7/c
; Sequence 7, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-7

Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAAAAAAAAA 1100
Db      19 AAAAAAAAAAAAAAAAAAAAA 3
|||||

US-10-123-597-8/c
; Sequence 8, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
US-10-123-597-8
```

```
; Sequence 1, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-aminoxyethoxy
US-10-123-597-1

Query Match          1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
   |||||
Db 19 AAAAAAAAAAAAAAAAAA 3

RESULT 90
US-10-123-597-2/c
; Sequence 2, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-2

Query Match          1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
   |||||
Db 19 AAAAAAAAAAAAAAAAAA 3

; Sequence 1, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-aminoxyethoxy
US-10-123-597-1

Query Match          1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
   |||||
Db 19 AAAAAAAAAAAAAAAAAA 3

RESULT 90
US-10-123-597-2/c
; Sequence 2, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-2

Query Match          1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
   |||||
Db 19 AAAAAAAAAAAAAAAAAA 3
```

```
RESULT 91
US-10-123-597-3/c
; Sequence 3, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methoxyethoxy
US-10-123-597-3

Query Match          1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
   |||||
Db 19 AAAAAAAAAAAAAAAAAA 3

RESULT 92
US-10-123-597-4/c
; Sequence 4, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-4

Query Match          1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
```

```

RESULT 87
US-10-096-221-3
; Sequence 3, Application US/10096221
; Publication No. US20020164628A1
; GENERAL INFORMATION:
; APPLICANT: KUTN, Nurith
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
; FILE REFERENCE: 492692000700
; CURRENT APPLICATION NUMBER: US/10/096,221
; CURRENT FILING DATE: 2002-06-27
; PRIOR APPLICATION NUMBER: US 60/274,236
; PRIOR FILING DATE: 2001-03-09
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1
; OTHER INFORMATION: n = A,T,C or G
US-10-096-221-3

```

```

Query Match          1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAAAAAA 1100
Db 2 AAAAAAAAAAAAAAAAAAAAAA 18

```

```

RESULT 88
US-10-208-357-25
; Sequence 25, Application US/10208957
; Publication No. US20020182687A1
; GENERAL INFORMATION:
; APPLICANT: Kurz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/10/208,357
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US/09/619,103
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Designed sequence for nucleic acid purification
US-10-208-357-25

```

```

Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY      1084 AAAAAAAAAAAAAAAAAA 1100
          |||||
          1 AAAAAAAAAAAAAAAAAA 17
Db
RESULT 89
US-10-123-597-1/c

```

; LOCATION: (19)...(19)  
; OTHER INFORMATION: N= phenoxazine  
US-10-013-295-54

Query Match 1.5%; Score 17; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAA 1100  
DB 18 AAAAAAAAAAAAAAA 2

## RESULT 81

US-10-013-295-55/c  
; Sequence 55, Application US/10013295  
; Publication No. US20030175906A1  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides  
; FILE REFERENCE: IS184948  
; CURRENT APPLICATION NUMBER: US/10/013,295  
; CURRENT FILING DATE: 2001-12-10  
; PRIOR APPLICATION NUMBER: 60/302,682  
; PRIOR FILING DATE: 2001-07-03  
; NUMBER OF SEQ ID NOS: 55  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 55  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (19)...(19)  
; OTHER INFORMATION: N= G-clamp modification  
US-10-013-295-55

Query Match 1.5%; Score 17; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAA 1100  
DB 18 AAAAAAAAAAAAAAA 2

## RESULT 82

US-10-371-600-14  
; Sequence 14, Application US/10371600  
; Publication No. US20030180776A1  
; GENERAL INFORMATION:  
; APPLICANT: WU, MING  
; APPLICANT: ULLMAN, EDWIN F.  
; TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION  
; FILE REFERENCE: 3817.10-2  
; CURRENT APPLICATION NUMBER: US/10/371,600  
; CURRENT FILING DATE: 2003-05-19  
; PRIOR APPLICATION NUMBER: 60/359,223  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: 60/379,360  
; PRIOR FILING DATE: 2002-05-08  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn ver. 2.1  
; SEQ ID NO 14  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-371-600-14

Query Match 1.5%; Score 17; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAA 1100  
DB 1 AAAAAAAAAAAAAAA 17

## RESULT 83

US-10-170-172-16/c  
; Sequence 16, Application US/10170172  
; Publication No. US20030190632A1  
; GENERAL INFORMATION:  
; APPLICANT: SOSNOWSKI, RONALD G  
; APPLICANT: BUTLER, WILLIAM F  
; APPLICANT: TU, EUGENE  
; APPLICANT: NERENBERG, MICHAEL I  
; APPLICANT: HELLER, MICHAEL J  
; APPLICANT: EDMAN, CARL F  
; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC  
; TITLE OF INVENTION: INTEGRATED SYSTEMS, COMPONENT DEVICES, MECHANISMS,  
; TITLE OF INVENTION: METHODS, AND PROCEDURES FOR MOLECULAR BIOLOGICAL  
; TITLE OF INVENTION: ANALYSIS AND DIAGNOSTICS  
; FILE REFERENCE: DAVID B. MURPHY; Nanogen 227/194  
; CURRENT APPLICATION NUMBER: US/10/170,172  
; CURRENT FILING DATE: 2002-06-11  
; PRIOR APPLICATION NUMBER: US/08/986,065  
; PRIOR FILING DATE: 1997-12-05  
; NUMBER OF SEQ ID NOS: 55  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 16  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Amine  
; OTHER INFORMATION: conjugate to provide reactivity with dyes  
US-10-170-172-16

Query Match 1.5%; Score 17; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAA 1100  
DB 19 AAAAAAAAAAAAAAA 3

## RESULT 84

US-10-205-309-325  
; Sequence 325, Application US/10205309  
; Publication No. US20030190635A1  
; GENERAL INFORMATION:  
; APPLICANT: McSwiggen, James  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Alzheimer's Disease Usin  
; TITLE OF INVENTION: Interfering RNA  
; FILE REFERENCE: 900/033  
; CURRENT APPLICATION NUMBER: US/10/205,309  
; CURRENT FILING DATE: 2002-10-25  
; NUMBER OF SEQ ID NOS: 674  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 325  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense  
US-10-205-309-325

Query Match 1.5%; Score 17; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;

```

; CURRENT APPLICATION NUMBER: US/10/322,242
; CURRENT FILING DATE: 2002-12-18
; PRIOR APPLICATION NUMBER: US/09/349,033
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Sequence
US-10-322-242-1

Query Match
Best Local Similarity 100.0%; Score 17; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
DB 19 AAAAAAAAAAAAAAAAAA 3

RESULT 77
US-09-306-333A-9/c
; Sequence 9, Application US/09306333A
; Publication No. US20030152918A1
; GENERAL INFORMATION:
; APPLICANT: Academy of Applied Science
; TITLE OF INVENTION: BRCA1 and hMLH1 Gene Primer Sequences and Method for
; TITLE OF INVENTION: BRCA1 and hMLH1 Gene Primer Sequences and Method for
; FILE REFERENCE: BRCA1
; CURRENT APPLICATION NUMBER: US/09/306,333A
; CURRENT FILING DATE: 1999-05-06
; PRIOR APPLICATION NUMBER: PCT/IB00/01607
; PRIOR FILING DATE: 2000-11-06
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-306-333A-9

Query Match
Best Local Similarity 100.0%; Score 17; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1080 TATTAATAAAAAAAAAA 1096
DB 17 TATTAATAAAAAAAAAA 1

RESULT 78
US-09-996-292A-54/c
; Sequence 54, Application US/09996292A
; Publication No. US20030158403A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin A.
; APPLICANT: Rajeev, Kallanthottathil Gopalan
; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
; FILE REFERENCE: ISIS-4804
; CURRENT APPLICATION NUMBER: US/09/996,292A
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 54
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030175906A1 Sequence
; NAME/KEY: misc_feature

```

```

; OTHER INFORMATION: Completely synthetic sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: N= phenoxazine
US-09-996-292A-54

Query Match
Best Local Similarity 100.0%; Score 17; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
DB 18 AAAAAAAAAAAAAAAAAA 2

RESULT 79
US-09-996-292A-55/c
; Sequence 55, Application US/09996292A
; Publication No. US20030158403A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin A.
; APPLICANT: Rajeev, Kallanthottathil Gopalan
; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
; FILE REFERENCE: ISIS-4804
; CURRENT APPLICATION NUMBER: US/09/996,292A
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 55
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Completely synthetic sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: N= G-clamp modification
US-09-996-292A-55

Query Match
Best Local Similarity 100.0%; Score 17; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
DB 18 AAAAAAAAAAAAAAAAAA 2

RESULT 80
US-10-013-295-54/c
; Sequence 54, Application US/10013295
; Publication No. US20030175906A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
; FILE REFERENCE: ISIS4948
; CURRENT APPLICATION NUMBER: US/10/013,295
; CURRENT FILING DATE: 2001-12-10
; PRIOR APPLICATION NUMBER: 60/302,682
; PRIOR FILING DATE: 2001-07-03
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 54
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030175906A1 Sequence
; NAME/KEY: misc_feature

```

```
; SEQ ID NO 515
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 4-4-187.mis2
US-09-853-526-515

Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 19 AAAAAAAAAAAAAAAAAA 3

RESULT 73
US-09-970-971A-15/c
; Sequence 15, Application US/09970971A
; Publication No. US20030096979A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Kawasaki, Andrew M.
; TITLE OF INVENTION: Oligonucleotides Having DNA Form and B-DNA Form Conformational
; FILE REFERENCE: ISIS4789
; CURRENT APPLICATION NUMBER: US/09/970,971A
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 3'-O-MOE
; NAME/KEY: misc feature
; LOCATION: (1)..(19)
; OTHER INFORMATION: P=O
US-09-970-971A-15

Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 19 AAAAAAAAAAAAAAAAAA 3

RESULT 74
US-09-970-971A-16/c
; Sequence 16, Application US/09970971A
; Publication No. US20030096979A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Kawasaki, Andrew M.
; TITLE OF INVENTION: Oligonucleotides Having DNA Form and B-DNA Form Conformational
; FILE REFERENCE: ISIS4789
; CURRENT APPLICATION NUMBER: US/09/970,971A
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 34
```

```
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 3'-O-MOE
; NAME/KEY: misc feature
; LOCATION: (1)..(19)
; OTHER INFORMATION: P=O
US-09-970-971A-16

Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 19 AAAAAAAAAAAAAAAAAA 3

RESULT 75
US-09-970-971A-26/c
; Sequence 26, Application US/09970971A
; Publication No. US20030096979A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Kawasaki, Andrew M.
; TITLE OF INVENTION: Oligonucleotides Having DNA Form and B-DNA Form Conformational
; FILE REFERENCE: ISIS4789
; CURRENT APPLICATION NUMBER: US/09/970,971A
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-modified T
US-09-970-971A-26

Query Match      1.5%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 19 AAAAAAAAAAAAAAAAAA 3

RESULT 76
US-10-322-242-1/c
; Sequence 1, Application US/10322242
; Publication No. US20030139586A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin
; APPLICANT: An, Haoyun
; TITLE OF INVENTION: C3'-Methylene Hydrogen Phosphonate Oligomers and Related Compour
; FILE REFERENCE: ISIS-3312
```

RESULT 69  
US-09-917-138-1/c  
; Sequence 1, Application US/09917138  
; Patent No. US20020031776A1  
; GENERAL INFORMATION:  
; APPLICANT: TULLIS, Richard  
; APPLICANT: STEIFFEL, Jerome  
; TITLE OF INVENTION: ENZYMTIC LABELLING AND DETECTION OF DNA  
; FILE REFERENCE: 24730-2207B  
; CURRENT FILING DATE: 2001-07-26  
; PRIOR FILING DATE: 2000-05-25  
; PRIOR APPLICATION NUMBER: 09/580,358  
; PRIOR FILING DATE: 2000-05-25  
; PRIOR APPLICATION NUMBER: 60/136,545  
; PRIOR FILING DATE: 1999-05-28  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 1  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide Primer  
; NAME/KEY: modified\_base  
; LOCATION: (1)  
; OTHER INFORMATION: Biotinylation at the 5' end  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: Combined DNA/RNA  
US-09-917-138-1

Query Match 1.5%; Score 17; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1084 AAAAAAAAAAAAAAAAAA 1100  
Db 19 AAAAAAAAAAAAAAAAAA 3

RESULT 70  
US-09-917-138-2  
; Sequence 2, Application US/09917138  
; Patent No. US20020031776A1  
; GENERAL INFORMATION:  
; APPLICANT: TULLIS, Richard  
; APPLICANT: STEIFFEL, Jerome  
; TITLE OF INVENTION: ENZYMTIC LABELLING AND DETECTION OF DNA  
; FILE REFERENCE: 24730-2207B  
; CURRENT FILING DATE: 2001-07-26  
; PRIOR FILING DATE: 2000-05-25  
; PRIOR APPLICATION NUMBER: 09/580,358  
; PRIOR FILING DATE: 2000-05-25  
; PRIOR APPLICATION NUMBER: 60/136,545  
; PRIOR FILING DATE: 1999-05-28  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 2  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide Primer  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: Combined DNA/RNA  
US-09-917-138-2

Query Match 1.5%; Score 17; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
Db 1 AAAAAAAAAAAAAAAAAA 17  
  
RESULT 71  
US-09-901-484A-515/c  
; Sequence 515, Application US/09901484A  
; Patent No. US20020119460A1  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; APPLICANT: Bougueleret, Lydie  
; TITLE OF INVENTION: Prostate Cancer Gene  
; FILE REFERENCE: GEN-T11XC3D2  
; CURRENT FILING DATE: 2001-07-09  
; PRIOR FILING DATE: 1997-12-22  
; PRIOR APPLICATION NUMBER: US 08/996,306  
; PRIOR FILING DATE: 1997-12-22  
; PRIOR APPLICATION NUMBER: US 60/099,658  
; PRIOR FILING DATE: 1998-09-09  
; PRIOR APPLICATION NUMBER: US 09/218,207  
; PRIOR FILING DATE: 1998-12-22  
; PRIOR APPLICATION NUMBER: US 09/338,907  
; PRIOR FILING DATE: 1999-06-23  
; PRIOR APPLICATION NUMBER: US 09/853,526  
; PRIOR FILING DATE: 2001-05-11  
; NUMBER OF SEQ ID NOS: 578  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 515  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (1)..(19)  
; OTHER INFORMATION: potential microsequencing oligo for 4-4-187.mis2  
US-09-901-484A-515

Query Match 1.5%; Score 17; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1084 AAAAAAAAAAAAAAAAAA 1100  
Db 19 AAAAAAAAAAAAAAAAAA 3

RESULT 72  
US-09-853-526-515/c  
; Sequence 515, Application US/09853526  
; Patent No. US20020165345A1  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Ilya, Chumakov  
; APPLICANT: Bougueleret, Lydie  
; TITLE OF INVENTION: PROSTATE CANCER GENE  
; FILE REFERENCE: GENSET.18CP1CP  
; CURRENT FILING DATE: 2001-05-11  
; PRIOR FILING DATE: 1999-06-23  
; PRIOR APPLICATION NUMBER: 09/338,907  
; PRIOR FILING DATE: 1999-06-23  
; PRIOR APPLICATION NUMBER: 08/996,306  
; PRIOR FILING DATE: 1997-12-22  
; PRIOR APPLICATION NUMBER: 60/099,658  
; PRIOR FILING DATE: 1998-09-09  
; PRIOR APPLICATION NUMBER: 09/218,207  
; PRIOR FILING DATE: 1998-12-22  
; NUMBER OF SEQ ID NOS: 578  
; SOFTWARE: Patent.pm

; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: designed sequence for nucleic acid purification  
 US-10-208-357-24

Query Match 1.5%; Score 17; DB 1; Length 18;  
 Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
 Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 65  
 US-10-112-653-882/c  
 ; Sequence 882, Application US/10112653  
 ; Publication No. US20030050268A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Krieg, Arthur M.  
 ; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR  
 ; FILE REFERENCE: C01039/70060(AWS)  
 ; CURRENT APPLICATION NUMBER: US/10/112,653  
 ; CURRENT FILING DATE: 2002-03-29  
 ; PRIOR APPLICATION NUMBER: US 60/279,642  
 ; PRIOR FILING DATE: 2001-03-29  
 ; NUMBER OF SEQ ID NOS: 1040  
 ; SOFTWARE: FastSEQ for Windows Version 3.0  
 ; SEQ ID NO 882  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic Oligonucleotide  
 US-10-112-653-882

Query Match 1.5%; Score 17; DB 1; Length 18;  
 Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
 Db 1 AAAAAAAAAAAAAAAAAA 2

RESULT 66  
 US-10-017-995-931/c  
 ; Sequence 931, Application US/10017995  
 ; Publication No. US2003005014A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Bratzler, Robert L.  
 ; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids  
 ; FILE REFERENCE: C1037/7025 (HCL/MAT)  
 ; CURRENT APPLICATION NUMBER: US/10/017,995  
 ; CURRENT FILING DATE: 2001-12-18  
 ; PRIOR APPLICATION NUMBER: US 60/255,534  
 ; PRIOR FILING DATE: 2000-12-14  
 ; NUMBER OF SEQ ID NOS: 1093  
 ; SOFTWARE: FastSEQ for Windows Version 3.0  
 ; SEQ ID NO 913  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic Sequence  
 US-10-017-995-931

Query Match 1.5%; Score 17; DB 1; Length 18;  
 Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
 Db 18 AAAAAAAAAAAAAAAAAA 2

RESULT 67  
 US-10-017-995-939/c  
 ; Sequence 939, Application US/10017995  
 ; Publication No. US2003005014A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Bratzler, Robert L.  
 ; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids  
 ; FILE REFERENCE: C1037/7025 (HCL/MAT)  
 ; CURRENT APPLICATION NUMBER: US/10/017,995  
 ; CURRENT FILING DATE: 2001-12-18  
 ; PRIOR APPLICATION NUMBER: US 60/255,534  
 ; PRIOR FILING DATE: 2000-12-14  
 ; NUMBER OF SEQ ID NOS: 1093  
 ; SOFTWARE: FastSEQ for Windows Version 3.0  
 ; SEQ ID NO 939  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic Sequence  
 US-10-017-995-939

Query Match 1.5%; Score 17; DB 1; Length 18;  
 Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
 Db 18 AAAAAAAAAAAAAAAAAA 2

RESULT 68  
 US-10-206-613-4/c  
 ; Sequence 4, Application US/10206613  
 ; Publication No. US2003010432A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Xu, Zhidong  
 ; APPLICANT: Jablons, David  
 ; APPLICANT: You, Liang  
 ; APPLICANT: He, Biao  
 ; APPLICANT: The Regents of the University of California  
 ; TITLE OF INVENTION: Methods of Amplifying Long Sense Strand RNA  
 ; FILE REFERENCE: 023070-119510US  
 ; CURRENT APPLICATION NUMBER: US/10/206,613  
 ; CURRENT FILING DATE: 2002-11-04  
 ; PRIOR APPLICATION NUMBER: US 60/308,190  
 ; PRIOR FILING DATE: 2001-07-27  
 ; NUMBER OF SEQ ID NOS: 8  
 ; SOFTWARE: Patentin Ver. 2.1  
 ; SEQ ID NO 4  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence:oligo dT-18  
 ; OTHER INFORMATION: linker primer  
 US-10-206-613-4

Query Match 1.5%; Score 17; DB 1; Length 18;  
 Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
 Db 18 AAAAAAAAAAAAAAAAAA 2

```

; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; FEATURE:
;   NAME/KEY: CDS
;   LOCATION: 1..18
;   SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-10-352-704-18
    Query Match          1.5%; Score 17; DB 1; Length 18;
    Best Local Similarity 100.0%; Pred. No. 1.3e+02;
    Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 62
US-10-075-335-9/c
; Sequence 9, Application US/10075335
; Publication No. US20030186237A1
; GENERAL INFORMATION:
; APPLICANT: Ginsberg, Stephen
; APPLICANT: Che, Shaoli
; TITLE OF INVENTION: Methods and Compositions of Amplifying RNA
; FILE REFERENCE: HO-P02202US2
; CURRENT APPLICATION NUMBER: US/10/075,335
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/268,664
; PRIOR FILING DATE: 2001-02-14
; PRIOR APPLICATION NUMBER: 60/348,242
; PRIOR FILING DATE: 2001-11-07
; PRIOR APPLICATION NUMBER: 60/269,645
; PRIOR FILING DATE: 2001-02-14
; PRIOR APPLICATION NUMBER: 60/344,557
; PRIOR FILING DATE: 2001-11-07
; PRIOR APPLICATION NUMBER: 60/306,216
; PRIOR FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: 60/350,176
; PRIOR FILING DATE: 2001-11-09
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; TYPE: DNA
; LENGTH: 18
; ORGANISM: Artificial Sequence
; FEATURE:
;   OTHER INFORMATION: Primer
US-10-075-335-9

    Query Match          1.5%; Score 17; DB 1; Length 18;
    Best Local Similarity 100.0%; Pred. No. 1.3e+02;
    Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100
Db 18 AAAAAAAAAAAAAAAAAA 2

RESULT 63
US-10-125-295-9/c
; Sequence 9, Application US/10125295
; Publication No. US20020164572A1
; GENERAL INFORMATION:
; APPLICANT: Lin, Ching-I Patsy
; Wallace, Robert Bruce
; Cosman, Jeffrey
; French, Cynthia
; TITLE OF INVENTION: Lyophilization of Cultured Human Cells
; to Preserve RNA and DNA
; NUMBER OF SEQUENCES: 9

```

```

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/10/125,295
; FILING DATE: 17-Apr-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/545,225
; FILING DATE: 07-Apr-2000
; APPLICATION NUMBER: US 08/884,029
; FILING DATE: 27-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Parent, Annette S.
; REGISTRATION NUMBER: 42,058
; REFERENCE/DOCKET NUMBER: 02558B-059100US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
;   NAME/KEY: modified_base
;   LOCATION: 13..18
;   OTHER INFORMATION: /mod_base= OTHER
; /note= "t at positions 13-18 may be
; present or absent"
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-10-125-295-9

    Query Match          1.5%; Score 17; DB 1; Length 18;
    Best Local Similarity 100.0%; Pred. No. 1.3e+02;
    Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100
Db 18 AAAAAAAAAAAAAAAAAA 2

RESULT 64
US-10-208-357-24
; Sequence 24, Application US/10208357
; Publication No. US20020182687A1
; GENERAL INFORMATION:
; APPLICANT: Kurz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/10/208,357
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US/09/619,103
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 18

```

```

; APPLICANT: Deakin, Edward
; APPLICANT: Goldsmith, Neil
; APPLICANT: Haudenschild, Christian
; APPLICANT: Houck, David
; APPLICANT: McAlpine, James B.
; APPLICANT: Neilsen, Soren
; APPLICANT: Pazoles, Christopher
; APPLICANT: Spencer, Marget E.
; APPLICANT: Stafford, Angela
; TITLE OF INVENTION: Methods for Identifying Genes Regulating
; FILE REFERENCE: 50273/005002
; CURRENT APPLICATION NUMBER: US/10/056,479A
; PRIOR FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: US 60/263,807
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: Fast-SEQ for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-056-479A-15

Query Match 1.5%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 18 AAAAAAAAAAAAAAAAAA 2

RESULT 60
US-10-352-704-12/c
; Sequence 12, Application US/10352704
; Publication No. US20030176690A1
; GENERAL INFORMATION:
; APPLICANT: Chatelain, Francois
; TITLE OF INVENTION: Process for Preparing Polynucleotides on
; a Solid Support and Apparatus Permitting its
; Implementation
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C
; STATE: D.C
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/352,704
; FILING DATE: 28-Jan-2003
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/358,556A
; FILING DATE: 14-DEC-1994
; APPLICATION NUMBER: FR 9315164
; FILING DATE: 16-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 638-6666
; TELEFAX: (202) 638-6666

Query Match 1.5%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 18 AAAAAAAAAAAAAAAAAA 2

RESULT 61
US-10-352-704-18
; Sequence 18, Application US/10352704
; Publication No. US20030176690A1
; GENERAL INFORMATION:
; APPLICANT: Chatelain, Francois
; TITLE OF INVENTION: Process for Preparing Polynucleotides on
; a Solid Support and Apparatus Permitting its
; Implementation
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C
; STATE: D.C
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/352,704
; FILING DATE: 28-Jan-2003
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/358,556A
; FILING DATE: 14-DEC-1994
; APPLICATION NUMBER: FR 9315164
; FILING DATE: 16-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 638-6666
; TELEFAX: (202) 638-6666

Query Match 1.5%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 18 AAAAAAAAAAAAAAAAAA 2

RESULT 62
US-10-352-704-12/c
; Sequence 12, Application US/10352704
; Publication No. US20030176690A1
; GENERAL INFORMATION:
; APPLICANT: Chatelain, Francois
; TITLE OF INVENTION: Process for Preparing Polynucleotides on
; a Solid Support and Apparatus Permitting its
; Implementation
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C
; STATE: D.C
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/352,704
; FILING DATE: 28-Jan-2003
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/358,556A
; FILING DATE: 14-DEC-1994
; APPLICATION NUMBER: FR 9315164
; FILING DATE: 16-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 638-6666
; TELEFAX: (202) 638-6666

```

;; EARLIER FILING DATE: 1998-01-30  
;; EARLIER APPLICATION NUMBER: 60/037,143  
;; EARLIER FILING DATE: 1997-02-14  
;; EARLIER APPLICATION NUMBER: 09/344,260  
;; EARLIER FILING DATE: 1999-06-25  
;; NUMBER OF SEQ ID NOS: 21  
;; SOFTWARE: PatentIn Ver. 2.0  
;; SEQ ID NO 14  
;; LENGTH: 18  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence: antisense  
;; OTHER INFORMATION: sequence  
US-09-370-541-14

Query Match 1.5%; Score 17; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
|||  
DB 18 AAAAAAAAAAAAAAAAAA 2

## RESULT 57

US-10-389-155-97/c  
; Sequence 97, Application US/10389155  
; Publication No. US20030229208A1  
; GENERAL INFORMATION:  
; APPLICANT: Queen, Cary L.  
; Co, Man Sung  
; Schreider, William P.  
; Landoifi, Nicholas F.  
; Coellingh, Kathleen L.  
; Selick, Harold E.  
; TITLE OF INVENTION: Improved Humanized Immunoglobulins  
; NUMBER OF SEQUENCES: 100  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/389,155  
; FILING DATE: 13-Mar-2003  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/09/325,000  
; FILING DATE: 01-JUN-1999  
; APPLICATION NUMBER: US 07/290,975  
; FILING DATE: 28-DEC-1988  
; APPLICATION NUMBER: US 07/310,252  
; FILING DATE: 13-FEB-1989  
; APPLICATION NUMBER: US 07/590,274  
; FILING DATE: 28-SEP-1990  
; APPLICATION NUMBER: US 07/634,278  
; FILING DATE: 19-DEC-1990  
; APPLICATION NUMBER: US 08/484,537  
; FILING DATE: 07-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Smith, William M.  
; REGISTRATION NUMBER: 30,223  
; REFERENCE/DOCKET NUMBER: 011823-002650US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300

;; INFORMATION FOR SEQ ID NO: 97:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 18 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA  
;; FEATURE:  
;; NAME/KEY: modified\_base  
;; LOCATION: 13..18  
;; OTHER INFORMATION: /mod\_base= OTHER  
;; /note= "T at positions 13-18 may be  
;; present or absent"  
;; OTHER INFORMATION: sequence  
;; SEQUENCE DESCRIPTION: SEQ ID NO: 97:  
US-10-389-155-97

Query Match 1.5%; Score 17; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
|||  
DB 18 AAAAAAAAAAAAAAAAAA 2

## RESULT 58

US-10-271-602B-84  
; Sequence 84, Application US/10271602B  
; Publication No. US2004002073A1  
; GENERAL INFORMATION:  
; APPLICANT: Alice Xiang Li  
; APPLICANT: Ghazala Hashmi  
; APPLICANT: Michael Seul  
; TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI  
; FILE REFERENCE: eMAP-US  
; CURRENT APPLICATION NUMBER: US/10/271,602B  
; CURRENT FILING DATE: 2002-10-15  
; PRIOR APPLICATION NUMBER: 60/329,427  
; PRIOR FILING DATE: 2001-10-14  
; PRIOR APPLICATION NUMBER: 60/329,620  
; PRIOR FILING DATE: 2001-10-15  
; PRIOR APPLICATION NUMBER: 60/329,428  
; PRIOR FILING DATE: 2001-10-14  
; PRIOR APPLICATION NUMBER: 60/329,619  
; PRIOR FILING DATE: 2001-10-15  
; PRIOR APPLICATION NUMBER: 60/364,416  
; PRIOR FILING DATE: 2002-03-14  
; NUMBER OF SEQ ID NOS: 212  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 84  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Probe sequence derived from human genomic sequence  
US-10-271-602B-84

Query Match 1.5%; Score 17; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
|||  
DB 1 AAAAAAAAAAAAAAAAAA 17

## RESULT 59

US-10-056-479A-15/c  
; Sequence 15, Application US/10056479A  
; Publication No. US20030175678A1  
; GENERAL INFORMATION:  
; APPLICANT: Bowen, Benjamin A.

```
; APPLICANT: Stanton, Lawrence W.
; APPLICANT: White, R. Tyler
; TITLE OF INVENTION: SECRETED FACTORS
; FILE REFERENCE: SCIOS.017A
; CURRENT APPLICATION NUMBER: US/09/809,545A
; CURRENT FILING DATE: 2001-03-14
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 84
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligos corresponding to polylinker sequence.
US-09-809-545A-84

Query Match          1.5%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 18 AAAAAAAAAAAAAAAAAA 2

RESULT 53
US-09-888-326-837/c
; Sequence 837, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; TITLE OF INVENTION: Cell Lysis and Treating Cancer
; FILE REFERENCE: C1039/7052 (AWS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 837
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (0)..(0)
; OTHER INFORMATION: phosphorothioate backbone
US-09-888-326-837

Query Match          1.5%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 18 AAAAAAAAAAAAAAAAAA 2

RESULT 54
US-09-776-479-913/c
; Sequence 913, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
```

```
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 913
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-913

Query Match          1.5%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 18 AAAAAAAAAAAAAAAAAA 2

RESULT 55
US-09-776-479-939/c
; Sequence 939, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 939
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-939

Query Match          1.5%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 18 AAAAAAAAAAAAAAAAAA 2

RESULT 56
US-09-370-541-14/c
; Sequence 14, Application US/09370541
; Publication No. US2003008079A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Nucleosidic Compounds And Oligomeric
; TITLE OF INVENTION: Compounds Prepared Therefrom
; FILE REFERENCE: ISIS3993
; CURRENT APPLICATION NUMBER: US/09/370,541
; CURRENT FILING DATE: 1999-08-09
; EARLIER APPLICATION NUMBER: 09/130,973
; EARLIER FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 09/016,520
```

APPLICATION NUMBER: US/10/054,295  
FILING DATE: 18-Jan-2002  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/854,050  
FILING DATE: <Unknown>  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
APPLICATION NUMBER: US 08/734,643  
FILING DATE: 01-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002930US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 132:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 132:  
US-10-054-295-132

Query Match 1.5%; Score 17; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
DB 17 AAAAAAAAAAAAAAAAAA 1

RESULT 50  
US-10-117-267-5/c  
Sequence 5, Application US/10117267  
Publication No. US20030045698A1  
GENERAL INFORMATION:  
APPLICANT: Maier, Ph.D., Martin A.  
TITLE OF INVENTION: Compounds, Processes And Intermediates For Synthesis Of Mixed Back  
FILE OF INVENTION: Oligomeric Compounds  
FILE REFERENCE: ISIS-5039  
CURRENT APPLICATION NUMBER: US/10/117,267  
CURRENT FILING DATE: 2002-04-05  
PRIOR APPLICATION NUMBER: 09/726,096  
PRIOR FILING DATE: 2000-11-29  
PRIOR APPLICATION NUMBER: 09/250,075  
PRIOR FILING DATE: 1999-02-12  
NUMBER OF SEQ ID NOS: 12  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 5  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Construct  
NAME/KEY: misc\_feature  
LOCATION: (1)..(19)  
OTHER INFORMATION: 2'-methoxyethoxy (MOE); phosphorothioate  
OTHER INFORMATION: internucleoside linkage  
US-10-117-267-5

Query Match 1.5%; Score 17; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100

DB 17 AAAAAAAAAAAAAAAAAA 1

RESULT 51  
US-10-054-611-132/c  
Sequence 132, Application US/10054611  
Publication No. US20030059787A1  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
Lingner, Joachim  
Nakamura, Toru  
Chapman, Karen B.  
Morin, Gregg B.  
Harley, Calvin  
Andrews, William H.  
TITLE OF INVENTION: No. US20030059787A1e1 Telomerase  
NUMBER OF SEQUENCES: 225  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/054,611  
FILING DATE: 18-Jan-2002  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/854,050  
FILING DATE: <Unknown>  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002930US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 132:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 132:  
US-10-054-611-132

Query Match 1.5%; Score 17; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
DB 17 AAAAAAAAAAAAAAAAAA 1

RESULT 52  
US-09-809-545A-84/c  
Sequence 84, Application US/09809545A  
Patent No. US20020110804A1  
GENERAL INFORMATION:



PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/854,050  
FILING DATE: 09-MAY-1997  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002930US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 132:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 132:  
US-09-843-676-132

Query Match 1.5%; Score 17; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred.No. 1.2e+02; Indels 0; Gaps 0;  
Matches 17; Conservative 0; Mismatches 0

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
|||||  
DDB 17 AAAAAAAAAAAAAAAAAA 1

RESULT 45  
US-09-766-253-132/c  
; Sequence 132, Application US/09766253  
; Publication No. US20020187471A1  
GENERAL INFORMATION:  
; APPLICANT: Cech, Thomas R.  
; Lingner, Joachim  
; Nakamura, Toru  
; Chapman, Karen B.  
; Morin, Gregg B.  
; Harley, Calvin  
; Andrews, William H.  
TITLE OF INVENTION: NO. US20020187471A1el Telomerase  
NUMBER OF SEQUENCES: 171  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC Compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/766,253  
FILING DATE: 19-Jan-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/846,017  
FILING DATE: 1997-04-25  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002920US

```

Query Match      1.6%; Score 17.2; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 1.2e+02;
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1083 TAAAAAATAAAAAAAAAA 1100
      :|||||
Db      19 BAAAAAATAAAAAAAAAA 2

RESULT 41
US-10-176-884-44/c
; Sequence 44, Application US/10176884
; Publication No. US20030126642A1
; GENERAL INFORMATION:
; APPLICANT: Fischer, Robert
; APPLICANT: Kinoshita, Tetsu
; APPLICANT: Yadegari, Ramin
; APPLICANT: Gehring, Mary
; APPLICANT: Okamuro, Jack
; APPLICANT: Dang, Van-Dinh
; APPLICANT: The Regents of the University of California
; APPLICANT: Ceres, Inc.
; TITLE OF INVENTION: Compositions and Methods for Modulating Plant
; FILE REFERENCE: 023070-116710US
; CURRENT APPLICATION NUMBER: US/10/176,884
; CURRENT FILING DATE: 2002-06-21
; PRIOR APPLICATION NUMBER: US 60/300,506
; PRIOR FILING DATE: 2001-06-22
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 44
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligo(DT)-18
US-10-176-884-44

Query Match      1.6%; Score 17.2; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 1.2e+02;
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1083 TAAAAAATAAAAAAAAAA 1100
      :|||||
Db      19 BAAAAAATAAAAAAAAAA 2

RESULT 42
US-10-133-937-99/c
; Sequence 99, Application US/10133937
; Publication No. US20030207278A1
; GENERAL INFORMATION:
; APPLICANT: Khan, Javed
; APPLICANT: Ringner, Markus
; APPLICANT: Peterson, Carsten
; APPLICANT: Meltzer, Paul
; TITLE OF INVENTION: METHODS FOR ANALYZING HIGH DIMENSIONAL DATA FOR CLASSIFYING,
; TITLE OF INVENTION: DIAGNOSING, PROGNOSTICATING, AND/OR PREDICTING DISEASES AND
; TITLE OF INVENTION: OTHER BIOLOGICAL STATES
; FILE REFERENCE: 11613.56US01
; CURRENT APPLICATION NUMBER: US/10/133,937
; CURRENT FILING DATE: 2002-11-04
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 99
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-133-937-99

```

```

Query Match      1.6%; Score 17.2; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 1.4e-02;
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1083 TAAAAAATAAAAAAAAAA 1100
      :|||||:|||||:|||||
DB      21 BAAAAAATAAAAAAAAAA 4

RESULT 43
US-10-314-321A-56/c
; Sequence 56, Application US/10314321A
; Publication No. US20030190648A1
; GENERAL INFORMATION:
; APPLICANT: Hitachi, Ltd.
; TITLE OF INVENTION: Gene Predicting Method
; FILE REFERENCE: 310101185US1
; CURRENT APPLICATION NUMBER: US/10/314,321A
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: JP 2002-103333
; PRIOR FILING DATE: 2002-04-05
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 56
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (22)
; OTHER INFORMATION: partial sequence of AL365356, n is a, c, g or t
US-10-314-321A-56

Query Match      1.6%; Score 17.2; DB 1; Length 22;
Best Local Similarity 94.4%; Pred. No. 1.5e-02;
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

```

```

Query Match      1.6%; Score 17.2; DB 1; Length 22;
Best Local Similarity 94.4%; Pred. No. 1.5e+02;
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1083 TAAAAAATAAAAAA 1100
      :|||||:|||||
Db      21 BAAAAAATAAAAAA 4

RESULT 44
US-09-843-676-132/C
; Sequence 132, Application US/09843676
; Patent No. US20020184786A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
;             Lingner, Joachim
;             Nakamura, Toru
;             Chapman, Karen B.
;             Morin, Gregg B.
;             Harley, Calvin
;             Andrews, William H.
; TITLE OF INVENTION: No. US20020164786A1el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/843,676
; FILING DATE: 26-Apr-2001
; CLASSIFICATION: 536

```

Best Local Similarity 94.4%; Pred. No. 1.2e+02;  
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;  
QY 1083 TAAAAA... 1100  
DB 19 BAAAAA... 2  
RESULT 39  
US-10-177-478-1/c  
; Sequence 1, Application US/10177478  
; Publication No. US20030165903A1  
; GENERAL INFORMATION:  
; APPLICANT: Dang, Van-Dinh  
; APPLICANT: Okamuro, Jack  
; TITLE OF INVENTION: Chimeric Histone Acetyltransferase  
; TITLE OF INVENTION: Polypeptides  
; FILE REFERENCE: 11696-037001  
; CURRENT APPLICATION NUMBER: US/10/177,478  
; CURRENT FILING DATE: 2002-06-21  
; PRIOR APPLICATION NUMBER: U.S. 60/300,135  
; PRIOR FILING DATE: 2001-06-22  
; NUMBER OF SEQ ID NOS: 45  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 1  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Primer  
US-10-177-478-1  
Query Match 1.6%; Score 17.2; DB 1; Length 19;  
Best Local Similarity 94.4%; Pred. No. 1.2e+02;  
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;  
QY 1083 TAAAAA... 1100  
DB 19 BAAAAA... 2  
RESULT 40  
US-10-182-230-196/c  
; Sequence 196, Application US/10182230  
; Publication No. US20030215817A1  
; GENERAL INFORMATION:  
; APPLICANT: Leonard, Amedeo  
; APPLICANT: Sartani, Abraham  
; APPLICANT: Glass, James R.  
; APPLICANT: Sutcliffe, J. Gregor  
; APPLICANT: Hasel, Karl W.  
; TITLE OF INVENTION: Modulation of Gene Expression in Formation of Fatty Atherosclerosis  
; TITLE OF INVENTION: Lesions  
; FILE REFERENCE: 216019-143  
; CURRENT APPLICATION NUMBER: US/10/182,230  
; CURRENT FILING DATE: 2003-02-03  
; PRIOR APPLICATION NUMBER: 60/177,963  
; PRIOR FILING DATE: 2000-01-25  
; NUMBER OF SEQ ID NOS: 197  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 196  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: 3' sequencing primer for dir  
; OTHER INFORMATION: ct sequencing  
; FEATURE:  
; NAME/KEY: misc.feature  
; LOCATION: (19)..(19)  
; OTHER INFORMATION: v stands for a, c, or g  
US-10-182-230-196

Best Local Similarity 94.4%; Pred. No. 1.2e+02;  
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;  
QY 1083 TAAAAA... 1100  
DB 19 BAAAAA... 2  
RESULT 37  
US-09-371-307-85/c  
; Sequence 85, Application US/09371307A  
; Patent No. US20020053095A1  
; GENERAL INFORMATION:  
; APPLICANT: Brown, Sherri M.  
; APPLICANT: Heck, Gregory R.  
; APPLICANT: Piller, Kenneth J.  
; APPLICANT: Kishore, Ganesh M.  
; APPLICANT: Ellich, Tedd D.  
; APPLICANT: Logusch, Eugene W.  
; APPLICANT: Rao, Sudabathula  
; APPLICANT: Ream, Joel E.  
; APPLICANT: Logusch, Sherry J.  
; TITLE OF INVENTION: Methods for controlling gibberellin levels  
; FILE REFERENCE: MOBT:216  
; CURRENT APPLICATION NUMBER: US/09/371,307A  
; CURRENT FILING DATE: 1999-08-10  
; NUMBER OF SEQ ID NOS: 89  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 85  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:Primer  
US-09-371-307-85  
Query Match 1.6%; Score 17.2; DB 1; Length 19;  
Best Local Similarity 94.4%; Pred. No. 1.2e+02;  
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;  
QY 1083 TAAAAA... 1100  
DB 19 BAAAAA... 2  
RESULT 38  
US-10-401-321-85/c  
; Sequence 85, Application US/10401321  
; Publication No. US2003023679A1  
; GENERAL INFORMATION:  
; APPLICANT: Brown, Sherri M.  
; APPLICANT: Heck, Gregory R.  
; APPLICANT: Piller, Kenneth J.  
; APPLICANT: Kishore, Ganesh M.  
; APPLICANT: Ellich, Tedd D.  
; APPLICANT: Logusch, Eugene W.  
; APPLICANT: Rao, Sudabathula  
; APPLICANT: Ream, Joel E.  
; APPLICANT: Logusch, Sherry J.  
; APPLICANT: Baerson, Scott R.  
; TITLE OF INVENTION: Methods for Controlling Gibberellin Levels  
; FILE REFERENCE: 11899.0216.DVUS01 (MOBT:216--1)  
; CURRENT APPLICATION NUMBER: US/10/401,321  
; CURRENT FILING DATE: 2003-03-27  
; NUMBER OF SEQ ID NOS: 89  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 85  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Primer  
US-10-401-321-85  
Query Match 1.6%; Score 17.2; DB 1; Length 19;

GENERAL INFORMATION:  
APPLICANT: Robert G. Kuimelis et al.  
TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS  
FILE REFERENCE: 50036/009002  
CURRENT APPLICATION NUMBER: US/09/282,734A  
CURRENT FILING DATE: 1999-03-03  
EARLIER APPLICATION NUMBER: 60/080,686  
EARLIER FILING DATE: 1998-04-03  
NUMBER OF SEQ ID NOS: 29  
SOFTWARE: FastSEQ for Windows Version 3.0  
SEQ ID NO 23  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Capture probe sequence  
US-09-282-734-23

Query Match 1.6%; Score 17.6; DB 1; Length 25;  
Best Local Similarity 83.3%; Pred. No. 1.4e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTAAAAA 1100  
DB 25 AAAAAA 2

RESULT 33  
US-10-348-627-23/c  
Sequence 23, Application US/10348627  
Publication No. US20030143618A1  
GENERAL INFORMATION:  
APPLICANT: Robert G. Kuimelis et al.  
TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS  
FILE REFERENCE: 50036/009002  
CURRENT APPLICATION NUMBER: US/10/348,627  
CURRENT FILING DATE: 2003-01-22  
PRIOR APPLICATION NUMBER: US/09/282,734A  
PRIOR FILING DATE: 1999-03-03  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/080,686  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-03  
NUMBER OF SEQ ID NOS: 29  
SOFTWARE: FastSEQ for Windows Version 3.0  
SEQ ID NO 23  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Capture probe sequence  
US-10-348-627-23

Query Match 1.6%; Score 17.6; DB 1; Length 25;  
Best Local Similarity 83.3%; Pred. No. 1.4e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTAAAAA 1100  
DB 25 AAAAAA 2

RESULT 34  
US-10-224-289-11/c  
Sequence 11, Application US/10224289  
Publication No. US20030207288A1  
GENERAL INFORMATION:  
APPLICANT: LEWIN, DAVID A.  
TITLE OF INVENTION: GPCR-LIKE RETINOIC ACID-INDUCED GENE 1 PROTEIN AND  
FILE REFERENCE: 9800081-0085  
CURRENT APPLICATION NUMBER: US/10/224,289  
CURRENT FILING DATE: 2002-08-20  
PRIOR APPLICATION NUMBER: 60/313,940

PRIOR FILING DATE: 2001-08-20  
NUMBER OF SEQ ID NOS: 20  
SOFTWARE: Patentin ver. 2.1  
SEQ ID NO 11  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
OTHER INFORMATION: oligonucleotide  
US-10-224-289-11

Query Match 1.6%; Score 17.6; DB 1; Length 25;  
Best Local Similarity 83.3%; Pred. No. 1.4e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTAAAAA 1100  
DB 25 AAAAAA 2

RESULT 35  
US-10-098-263B-98644  
Sequence 98644, Application US/10098263B  
Publication No. US20030104410A1  
GENERAL INFORMATION:  
APPLICANT: Mittman, Michael  
TITLE OF INVENTION: Human Microarray  
FILE REFERENCE: 3118.1  
CURRENT APPLICATION NUMBER: US/10/098,263B  
CURRENT FILING DATE: 2003-01-08  
PRIOR APPLICATION NUMBER: 60/276,759  
PRIOR FILING DATE: 2001-03-16  
NUMBER OF SEQ ID NOS: 131066  
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
SEQ ID NO 98644  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Homo sapien  
US-10-098-263B-98644

Query Match 1.6%; Score 17.6; DB 1; Length 25;  
Best Local Similarity 83.3%; Pred. No. 1.4e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 878 CATTGAGTCTCTGATGTGAGAAC 901  
DB 1 CAAGGAGTCTCTGGAAGTGAAC 24

RESULT 36  
US-10-098-263B-127810/C  
Sequence 127810, Application US/10098263B  
Publication No. US20030104410A1  
GENERAL INFORMATION:  
APPLICANT: Mittman, Michael  
TITLE OF INVENTION: Human Microarray  
FILE REFERENCE: 3118.1  
CURRENT APPLICATION NUMBER: US/10/098,263B  
CURRENT FILING DATE: 2003-01-08  
PRIOR APPLICATION NUMBER: 60/276,759  
PRIOR FILING DATE: 2001-03-16  
NUMBER OF SEQ ID NOS: 131066  
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
SEQ ID NO 127810  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Homo sapien  
US-10-098-263B-127810

Query Match 1.6%; Score 17.6; DB 1; Length 25;  
Best Local Similarity 83.3%; Pred. No. 1.4e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 961
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-961

Query Match          1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTAAAAA 1100
Db 24 AAAAAAAAAA 1

RESULT 29
US-10-017-995-962
; Sequence 962, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/WAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 962
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-962

Query Match          1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTAAAAA 1100
Db 1 AAAAAAAAAA 24

RESULT 30
US-10-058-513-39/c
; Sequence 39, Application US/10058513
; Publication No. US20030087245A1
; GENERAL INFORMATION:
; APPLICANT: Gish, Kurt C.
; APPLICANT: Mack, David H.
; APPLICANT: Afar, Daniel
; TITLE OF INVENTION: Uses of PBH1 in the Diagnosis and Therapeutic Treatment
; TITLE OF INVENTION: of Prostate Cancer
; FILE REFERENCE: 018501-005910US
; CURRENT APPLICATION NUMBER: US/10/058,513
; CURRENT FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: US 60/263,951
; PRIOR FILING DATE: 2001-01-24
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 39
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:T7-(dt)-24

```

```

; OTHER INFORMATION: primer
US-10-058-513-39

Query Match          1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTAAAAA 1100
Db 24 AAAAAAAAAA 1

RESULT 31
US-10-081-969-18
; Sequence 18, Application US/10081969
; Publication No. US20030104625A1
; GENERAL INFORMATION:
; APPLICANT: Cheng, Cheng
; APPLICANT: Clarke, Lori
; APPLICANT: Connolly, Sheila
; APPLICANT: Ennist, David
; APPLICANT: Forry-Schaudies, Suzanne
; APPLICANT: Gorziglia, Mario
; APPLICANT: Hallenbeck, Paul
; APPLICANT: Hay, Carl
; APPLICANT: Jakubczak, John
; APPLICANT: Kaleko, Michael
; APPLICANT: Phipps, Sandra
; APPLICANT: Police, Seshidhar
; APPLICANT: Ryan, Patricia
; APPLICANT: Steward, David
; APPLICANT: Xie, Yuefeng
; TITLE OF INVENTION: No. US20030104625A1el Oncolytic Adenoviral Vectors
; FILE REFERENCE: 4-31704A/GTI
; CURRENT APPLICATION NUMBER: US/10/081,969
; CURRENT FILING DATE: 2002-02-22
; PRIOR APPLICATION NUMBER: US 60/270,922
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: US 60/295,037
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/348,670
; PRIOR FILING DATE: 2000-01-14
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 18
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Viral vector sequence
; NAME/KEY: misc_feature
; LOCATION: (1)..(24)
; OTHER INFORMATION: Fig. 1C. SV40 early Poly(A) site
; NAME/KEY: polyA site
; LOCATION: (3)..(24)
; OTHER INFORMATION:
US-10-081-969-18

Query Match          1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1075 GCAACTATTAAAAA 1098
Db 1 GCAAAAAAAAAA 24

RESULT 32
US-09-282-734-23/c
; Sequence 23, Application US/09282734A
; Publication No. US20020182597A1

```

```

; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 920
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-920

Query Match      1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1077 AACTATTAAAAA 1100
DB      1 AAAAAA 24

RESULT 27
US-10-017-995-433/c
; Sequence 433, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/NAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 433
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-433

Query Match      1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1077 AACTATTAAAAA 1100
DB      24 AAAAAA 1

RESULT 28
US-10-017-995-961/c
; Sequence 961, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/NAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093

```

QY 1077 AACTATTAAAAA 1100  
Db 1 AAAAAAAAAA 24

RESULT 20  
US-10-272-502A-2/c  
; Sequence 2, Application US/10272502A  
; Publication No. US20030139364A1  
; GENERAL INFORMATION:  
; APPLICANT: Krieg, Arthur M.  
; APPLICANT: Schetter, Christian  
; APPLICANT: Bratzler, Robert L.  
; APPLICANT: Vollmer, Jorg  
; APPLICANT: Bauer, Stefan  
; APPLICANT: Jurk, Marion  
; TITLE OF INVENTION: METHODS AND PRODUCTS FOR ENHANCING IMMUNE RESPONSES USING  
; FILE OF INVENTION: IMIDAZOQUINOLINE COMPOUNDS  
; FILE REFERENCE: C01039.70065.US  
; CURRENT APPLICATION NUMBER: US/10/272,502A  
; CURRENT FILING DATE: 2002-10-15  
; PRIOR APPLICATION NUMBER: 60/329,208  
; PRIOR FILING DATE: 2001-10-12  
; NUMBER OF SEQ ID NOS: 31  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 2  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Oligonucleotide  
US-10-272-502A-2

Query Match 1.6%; Score 17.6; DB 1; Length 24;  
Best Local Similarity 83.3%; Pred. No. 1.4e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTAAAAA 1100  
Db 24 AAAAAAAAAA 1

RESULT 21  
US-10-224-523-53/c  
; Sequence 53, Application US/10224523  
; Publication No. US20030148976A1  
; GENERAL INFORMATION:  
; APPLICANT: Krieg, Arthur  
; APPLICANT: Vollmer, Jorg  
; APPLICANT: Ulmann, Eugen  
; TITLE OF INVENTION: Combination Motif Immune Stimulatory Oligonucleotides with Improv  
; FILE REFERENCE: C01039/70063 (HCL/AWS)  
; CURRENT APPLICATION NUMBER: US/10/224,523  
; CURRENT FILING DATE: 2002-08-19  
; PRIOR APPLICATION NUMBER: US 60/313,273  
; PRIOR FILING DATE: 2001-08-17  
; PRIOR APPLICATION NUMBER: US 60/393,952  
; PRIOR FILING DATE: 2002-07-03  
; NUMBER OF SEQ ID NOS: 81  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 53  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Oligonucleotide  
US-10-224-523-53

Query Match 1.6%; Score 17.6; DB 1; Length 24;  
Best Local Similarity 83.3%; Pred. No. 1.4e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTAAAAA 1100  
Db 24 AAAAAAAAAA 1

RESULT 22  
US-10-389-665-4  
; Sequence 4, Application US/10389665  
; Publication No. US20030175785A1  
; GENERAL INFORMATION:  
; APPLICANT: Kurn, Nurith  
; APPLICANT: Patel, Rajesh D.  
; TITLE OF INVENTION: Quantitative Determination of Nucleic  
; FILE REFERENCE: BEH-7408  
; CURRENT APPLICATION NUMBER: US/10/389,665  
; CURRENT FILING DATE: 2003-03-14  
; PRIOR APPLICATION NUMBER: US/09/025,639  
; PRIOR FILING DATE: 1998-02-18  
; NUMBER OF SEQ ID NOS: 8  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 4  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc binding  
; LOCATION: (1)-(24)  
; OTHER INFORMATION: Synthetic DNA Probe  
US-10-389-665-4

Query Match 1.6%; Score 17.6; DB 1; Length 24;  
Best Local Similarity 83.3%; Pred. No. 1.4e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTAAAAA 1100  
Db 1 AAAAAAAAAA 24

RESULT 23  
US-10-043-415-4  
; Sequence 4, Application US/10043415  
; Publication No. US20020182620A1  
; GENERAL INFORMATION:  
; APPLICANT: Kurn, Nurith  
; APPLICANT: Patel, Rajesh D.  
; TITLE OF INVENTION: Quantitative Determination of Nucleic  
; FILE REFERENCE: BEH-7408  
; CURRENT APPLICATION NUMBER: US/10/043,415  
; CURRENT FILING DATE: 2002-01-10  
; PRIOR APPLICATION NUMBER: US/09/025,639  
; PRIOR FILING DATE: 1998-02-18  
; NUMBER OF SEQ ID NOS: 8  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 4  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc binding  
; LOCATION: (1)-(24)  
; OTHER INFORMATION: Synthetic DNA Probe  
US-10-043-415-4

Query Match 1.6%; Score 17.6; DB 1; Length 24;  
Best Local Similarity 83.3%; Pred. No. 1.4e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTAAAAA 1100  
Db 1 AAAAAAAAAA 24

```
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: Oligo(dT) primer for RNA polymerase thermocycling procedure
US-09-949-305B-6

Query Match      1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTATTAATAAAAAAAAAAAAAA 1100
Db 24 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 16
US-09-888-326-841/c
; Sequence 841, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; FILE REFERENCE: C1039/7052 (AMS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 841
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (0)-(0)
; OTHER INFORMATION: phosphorothioate backbone
US-09-888-326-841

Query Match      1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTATTAATAAAAAAAAAAAAAA 1100
Db 24 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 17
US-09-776-479-433/c
; Sequence 433, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 433
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
```

```
US-09-776-479-433

Query Match      1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTATTAATAAAAAAAAAAAAAA 1100
Db 24 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 18
US-09-776-479-961/c
; Sequence 961, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 961
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-961

Query Match      1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTATTAATAAAAAAAAAAAAAA 1100
Db 24 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 19
US-09-776-479-962
; Sequence 962, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 962
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-962

Query Match      1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(24)
; OTHER INFORMATION: primer oligonucleotide PGRT32
US-09-901-484A-10

Query Match          1.6%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 1.2e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1080 TATTAAAAA 1100
DB 23 TTTCAAAAA 3

RESULT 12
US-09-853-526-10/C
; Sequence 10, Application US/09853526
; Patent No. US20020165345A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilyva, Chumakov
; APPLICANT: Bouguetoret, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET18CPICP
; CURRENT APPLICATION NUMBER: US/09/853,526
; CURRENT FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 09/338,907
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: 08/996,306
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: 60/099,658
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 09/218,207
; PRIOR FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 10
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..24
; OTHER INFORMATION: primer oligonucleotide PGRT32
US-09-853-526-10

Query Match          1.6%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 1.2e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1080 TATTAAAAA 1100
DB 23 TTTCAAAAA 3

RESULT 13
US-09-920-342-12/C
; Sequence 12, Application US/09920342
; Patent No. US20020137709A1
; GENERAL INFORMATION:
; APPLICANT: University of Southern California
; APPLICANT: Lin, Shi-Lung
; APPLICANT: Chuong, Cheng-Ming
; APPLICANT: Widelitz, Randall B.
; TITLE OF INVENTION: GENE SILENCING USING MRNA-CDNA HYBRIDS
; FILE REFERENCE: 13761-7024
; CURRENT APPLICATION NUMBER: US/09/920,342
; CURRENT FILING DATE: 2002-01-17

```

```

; PRIOR APPLICATION NUMBER: US 60/222,479
; PRIOR FILING DATE: 2000-08-02
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Poly(dT)24 primer
US-09-920-342-12

Query Match          1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTAAAA 1100
DB 24 AAAAAA 1

RESULT 14
US-09-920-313-148/C
; Sequence 148, Application US/09920313
; Publication No. US20020198165A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna W.
; TITLE OF INVENTION: Nucleic Acids for the Prevention and
; FILE REFERENCE: C1037/7019 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/920,313
; CURRENT FILING DATE: 2001-08-01
; PRIOR APPLICATION NUMBER: US 60/222,248
; PRIOR FILING DATE: 2001-08-08
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 148
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-920-313-148

Query Match          1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1077 AACTATTAAAA 1100
DB 24 AAAAAA 1

RESULT 15
US-09-949-305B-6/C
; Sequence 6, Application US/09949305B
; Publication No. US20030022318A1
; GENERAL INFORMATION:
; APPLICANT: Lin, Shi-Lung
; APPLICANT: Ying, Shao-Yao
; TITLE OF INVENTION: Method for Thermocycling Amplification of Nucleic Acid Sequences
; FILE REFERENCE: 286/014
; CURRENT APPLICATION NUMBER: US/09/949,305B
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: 09/494,212
; PRIOR FILING DATE: 2000-01-25
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 24
; TYPE: DNA

```

```

; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/09/224,683
; APPLICATION NUMBER: 09/005,893
; FILING DATE: 12-JAN-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/982,255
; FILING DATE: 25-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/589,701
; FILING DATE: 01-OCT-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/573,616
; FILING DATE: 24-AUG-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/537,198
; FILING DATE: 11-JUN-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/422,383
; FILING DATE: 16-OCT-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 01017/35136
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-09-224-683-33

```

```

Query Match 1.6%; Score 18; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 93;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAAA 1100
Db 19 TAAAAAATAAAAA 2

RESULT 9
US-09-426-548-126
; Sequence 126, Application US/09426548
; Patent No. US20010044936A1
; GENERAL INFORMATION:
; APPLICANT: Robbins, David
; APPLICANT: Lin-Goerke, Juili L.
; APPLICANT: Ling, Jessica
; TITLE OF INVENTION: No. US20010044936A1el Mutations in Human MLH1 and MSH2 Genes Used
; TITLE OF INVENTION: Diagnosing Colorectal Cancer

```

```

; FILE REFERENCE: DEX-0054
; CURRENT APPLICATION NUMBER: US/09/426,548
; CURRENT FILING DATE: 1999-10-22
; NUMBER OF SEQ ID NOS: 192
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 126
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-426-548-126

Query Match 1.6%; Score 18; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAAA 1100
Db 2 TAAAAAATAAAAA 19

RESULT 10
US-09-773-307B-9/c
; Sequence 9, Application US/09773307B
; Publication No. US20030027134A1
; GENERAL INFORMATION:
; APPLICANT: BML, INC.
; TITLE OF INVENTION: Method of Detecting Risk Factor for Onset of Diabetes
; FILE REFERENCE: PBM37
; CURRENT APPLICATION NUMBER: US/09/773,307B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Hominidae
; US-09-773-307B-9

```

```

Query Match 1.6%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 995 AAGTCTGAGCGCTGGAGAAATGG 1015
Db 21 AAGACGGAGGCTGGAGAAATGG 1

```

```

RESULT 11
US-09-901-484A-10/c
; Sequence 10, Application US/09901484A
; Patent No. US20020119460A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; APPLICANT: Bouqueleret, Lydie
; TITLE OF INVENTION: Prostate Cancer Gene
; FILE REFERENCE: GEN-T111XC3D2
; CURRENT APPLICATION NUMBER: US/09/901,484A
; CURRENT FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: US 08/996,306
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: US 60/099,658
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: US 09/218,207
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: US 09/338,907
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: US 09/853,526
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10

```

GENERAL INFORMATION:  
APPLICANT: BILLING-MEDEL, PATRICIA  
APPLICANT: COHEN, MAURICE  
APPLICANT: COLPITS, TRACEY L.  
APPLICANT: FRIEDMAN, PAULA N.  
APPLICANT: GORDON, JULIAN  
APPLICANT: GRANADOS, EDWARD N.  
APPLICANT: HODGES, STEVEN C.  
APPLICANT: KASS, MICHAEL R.  
APPLICANT: KRATOCHVIL, JON D.  
APPLICANT: RUSSELL, JOHN C.  
APPLICANT: SCHEFFEL, CHRISTI  
APPLICANT: STROUPE, STEPHEN D.  
APPLICANT: YU, HONG  
TITLE OF INVENTION: REAGENTS AND METHODS USEFUL  
FOR DETECTING DISEASES OF THE BREAST  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Abbott Laboratories  
STREET: 100 Abbott Park Road  
CITY: Abbott Park  
STATE: IL  
COUNTRY: USA  
ZIP: 60064-3500  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/099,823  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/879,354  
FILING DATE: 20-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Becker, Cheryl L.  
REGISTRATION NUMBER: 35,441  
REFERENCE/DOCKET NUMBER: 6120.US.P1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 847/935-1729  
TELEFAX: 847/938-2623  
TELEX:  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-099-823-14  
Query Match 1.7%; Score 18.6; DB 1; Length 26;  
Best Local Similarity 84.0%; Pred. No. 97;  
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 1076 CAACATATTAATAAAAAAAAAAAAAAAAA 1100  
DB 26 CAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2  
RESULT 7  
US-09-005-243-33/c  
Sequence 33, Application US/09005243  
Patent No. US20020018763A1  
GENERAL INFORMATION:  
APPLICANT: Zeebo, Krisztina M.  
APPLICANT: Bosselman, Robert A.  
APPLICANT: Suggs, Sidney V.  
APPLICANT: Martin, Francis H.  
TITLE OF INVENTION: Stem Cell Factor  
NUMBER OF SEQUENCES: 104  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
STREET: 6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: United States of America  
ZIP: 60606-8402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/005,243  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/982,255  
FILING DATE: 25-NOV-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/449,653  
FILING DATE: 24-MAY-1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/589,701  
FILING DATE: 01-OCT-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/573,616  
FILING DATE: 24-AUG-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/537,198  
FILING DATE: 11-JUN-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/422,383  
FILING DATE: 16-OCT-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Clough, David W.  
REGISTRATION NUMBER: 36,107  
REFERENCE/DOCKET NUMBER: 01017/34465  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312/474-6300  
TELEFAX: 312/474-0448  
TELEX: 25-3856  
INFORMATION FOR SEQ ID NO: 33:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-09-005-243-33  
Query Match 1.6%; Score 18; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 93;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1083 TAAAAAAAAAAAAAAAAAAAAA 1100  
DB 19 TAAAAAAAAAAAAAAAAAAAAA 2  
RESULT 8  
US-09-224-683-33/c  
Sequence 33, Application US/09224683  
Patent No. US20020031491A1  
GENERAL INFORMATION:  
APPLICANT: Zeebo, Krisztina M.  
APPLICANT: Bosselman, Robert A.  
APPLICANT: Suggs, Sidney V.  
APPLICANT: Martin, Francis H.  
TITLE OF INVENTION: Stem Cell Factor  
NUMBER OF SEQUENCES: 104  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun



C1275	12	1.1	1	1	US-09-489-220-25	Sequence 25, Appl	1348	12	1.1	17	1	US-09-780-164-980	Sequence 980, App
C1276	12	1.1	1	1	US-09-841-157A-18	Sequence 18, Appl	1349	12	1.1	17	1	US-09-780-164-981	Sequence 981, App
C1277	12	1.1	1	1	US-09-560-150-16	Sequence 16, Appl	1350	12	1.1	17	1	US-09-780-164-1021	Sequence 1021, App
C1278	12	1.1	1	1	US-09-997-931-7	Sequence 7, Appl	1351	12	1.1	17	1	US-09-780-164-1022	Sequence 1022, App
C1279	12	1.1	1	1	US-10-352-704-8	Sequence 8, Appl	1352	12	1.1	17	1	US-09-827-395A-358	Sequence 358, App
C1280	12	1.1	1	1	US-10-352-704-14	Sequence 14, Appl	1353	12	1.1	17	1	US-09-827-395A-359	Sequence 359, App
C1281	12	1.1	1	1	US-09-823-031-1	Sequence 1, Appl	1354	12	1.1	17	1	US-09-827-395A-689	Sequence 689, App
C1282	12	1.1	1	1	US-10-001-879-109	Sequence 10, App	1355	12	1.1	17	1	US-09-827-395A-931	Sequence 931, App
C1283	12	1.1	1	1	US-10-094-183-17	Sequence 17, Appl	1356	12	1.1	17	1	US-09-827-395A-932	Sequence 932, App
C1284	12	1.1	1	1	US-10-208-357-18	Sequence 18, Appl	1357	12	1.1	17	1	US-09-740-332-798	Sequence 798, App
C1285	12	1.1	1	1	US-10-067-741-16	Sequence 16, Appl	1358	12	1.1	17	1	US-09-740-332-799	Sequence 799, App
C1286	12	1.1	1	1	US-10-180-196-5	Sequence 5, Appl	C1359	12	1.1	17	1	US-09-740-332-1527	Sequence 1527, App
C1287	12	1.1	1	1	US-08-825-486-16	Sequence 16, Appl	1360	12	1.1	17	1	US-09-740-332-3028	Sequence 3028, App
C1288	12	1.1	1	1	US-09-372-044-16	Sequence 16, Appl	C1361	12	1.1	17	1	US-09-740-332-3757	Sequence 3757, App
C1289	12	1.1	1	1	US-09-371-900-19	Sequence 19, Appl	1362	12	1.1	17	1	US-09-745-237A-283	Sequence 283, App
C1290	12	1.1	1	1	US-09-970-820-19	Sequence 19, Appl	1363	12	1.1	17	1	US-09-745-237A-464	Sequence 464, App
C1291	12	1.1	1	1	US-09-986-718-19	Sequence 19, Appl	1364	12	1.1	17	1	US-09-745-237A-1195	Sequence 1195, App
C1292	12	1.1	1	1	US-10-186-950-19	Sequence 19, Appl	1365	12	1.1	17	1	US-09-745-237A-1195	Sequence 1195, App
C1293	12	1.1	1	1	US-10-094-183-19	Sequence 19, Appl	1366	12	1.1	17	1	US-09-745-237A-1524	Sequence 1524, App
C1294	12	1.1	1	1	US-10-149-121-10	Sequence 10, Appl	1367	12	1.1	17	1	US-10-238-700-2998	Sequence 2998, App
C1295	12	1.1	1	1	US-10-149-121-11	Sequence 11, Appl	C1368	12	1.1	17	1	US-10-238-700-3213	Sequence 3213, App
C1296	12	1.1	1	1	US-10-149-121-12	Sequence 12, Appl	C1369	12	1.1	17	1	US-10-238-700-3214	Sequence 3214, App
C1297	12	1.1	1	1	US-10-108-164-115	Sequence 115, App	C1370	12	1.1	17	1	US-10-371-066-22	Sequence 22, Appl
C1298	12	1.1	1	1	US-10-325-881-57	Sequence 57, Appl	1371	12	1.1	17	1	US-10-339-782-449	Sequence 449, App
C1299	12	1.1	1	1	US-10-325-881-58	Sequence 58, Appl	1372	12	1.1	17	1	US-10-339-782-449	Sequence 449, App
C1300	12	1.1	1	1	US-09-504-231A-1339	Sequence 1339, App	1373	12	1.1	17	1	US-09-817-879-798	Sequence 798, App
C1301	12	1.1	1	1	US-09-274-553D-1339	Sequence 1339, App	C1374	12	1.1	17	1	US-09-817-879-799	Sequence 799, App
C1302	12	1.1	1	1	US-09-888-164-31	Sequence 31, Appl	1375	12	1.1	17	1	US-09-817-879-1537	Sequence 1537, App
C1303	12	1.1	1	1	US-10-385-450-18	Sequence 18, Appl	C1376	12	1.1	17	1	US-09-817-879-3028	Sequence 3028, App
C1304	12	1.1	1	1	US-10-385-450-21	Sequence 21, Appl	C1377	12	1.1	17	1	US-09-817-879-3757	Sequence 3757, App
C1305	12	1.1	1	1	US-10-091-281-442	Sequence 442, App	C1378	12	1.1	17	1	US-10-294-203-38	Sequence 38, Appl
C1306	12	1.1	1	1	US-10-103-614A-1	Sequence 1, Appl	C1379	12	1.1	17	1	US-10-368-643-7	Sequence 7, Appl
C1307	12	1.1	1	1	US-10-103-614A-3	Sequence 3, Appl	C1380	12	1.1	17	1	US-10-339-793-20	Sequence 20, Appl
C1308	12	1.1	1	1	US-09-504-231A-439	Sequence 439, App	C1381	12	1.1	17	1	US-10-338-777-262	Sequence 22, Appl
C1309	12	1.1	1	1	US-09-504-231A-441	Sequence 441, App	C1382	12	1.1	17	1	US-10-170-172-22	Sequence 22, Appl
C1310	12	1.1	1	1	US-09-504-231A-1246	Sequence 1246, App	C1383	12	1.1	17	1	US-10-094-183-18	Sequence 18, Appl
C1311	12	1.1	1	1	US-09-274-553D-439	Sequence 439, App	C1384	12	1.1	17	1	US-10-041-856-37	Sequence 37, Appl
C1312	12	1.1	1	1	US-09-274-553D-441	Sequence 441, App	C1385	12	1.1	17	1	US-10-138-316-7	Sequence 7, Appl
C1313	12	1.1	1	1	US-09-274-553D-1246	Sequence 1246, App	C1386	12	1.1	17	1	US-10-024-818-38	Sequence 38, Appl
C1314	12	1.1	1	1	US-10-297-068-26	Sequence 26, Appl	C1387	12	1.1	17	1	US-10-060-998-593	Sequence 593, App
C1315	12	1.1	1	1	US-10-356-625-4	Sequence 4, Appl	C1388	12	1.1	17	1	US-10-060-998-594	Sequence 594, App
C1316	12	1.1	1	1	US-10-056-414-350	Sequence 350, App	C1389	12	1.1	17	1	US-10-060-998-595	Sequence 595, App
C1317	12	1.1	1	1	US-10-010-802-182	Sequence 182, App	C1390	12	1.1	17	1	US-10-060-998-596	Sequence 596, App
C1318	12	1.1	1	1	US-09-829-855-168	Sequence 168, App	C1391	12	1.1	17	1	US-10-060-998-597	Sequence 597, App
C1319	12	1.1	1	1	US-09-918-686-29	Sequence 29, Appl	C1392	12	1.1	17	1	US-10-060-998-598	Sequence 598, App
C1320	12	1.1	1	1	US-09-811-093-23	Sequence 23, Appl	C1393	12	1.1	17	1	US-10-156-306-528	Sequence 528, App
C1321	12	1.1	1	1	US-10-353-150-29	Sequence 29, Appl	C1394	12	1.1	17	1	US-10-156-306-631	Sequence 631, App
C1322	12	1.1	1	1	US-10-174-794-1	Sequence 1, Appl	C1395	12	1.1	17	1	US-10-156-306-4969	Sequence 4969, App
C1323	12	1.1	1	1	US-10-103-076-12	Sequence 12, Appl				22	1	US-09-998-936-1	Sequence 1, Appl
C1324	12	1.1	1	1	US-10-431-304-16	Sequence 16, Appl							
C1325	12	1.1	1	1	US-09-864-785-1569	Sequence 1569, App							
C1326	12	1.1	1	1	US-09-866-108-1757	Sequence 1757, App							
C1327	12	1.1	1	1	US-09-866-108-1763	Sequence 1763, App							
C1328	12	1.1	1	1	US-09-866-108-7672	Sequence 7672, App							
C1329	12	1.1	1	1	US-09-866-108-7673	Sequence 7673, App							
C1330	12	1.1	1	1	US-09-866-108-7790	Sequence 7790, App							
C1331	12	1.1	1	1	US-09-866-108-7791	Sequence 7791, App							
C1332	12	1.1	1	1	US-09-148-234-1	Sequence 1, Appl							
C1333	12	1.1	1	1	US-09-880-732-52	Sequence 52, Appl							
C1334	12	1.1	1	1	US-09-864-785-346	Sequence 346, App							
C1335	12	1.1	1	1	US-09-864-785-347	Sequence 347, App							
C1336	12	1.1	1	1	US-09-864-785-348	Sequence 348, App							
C1337	12	1.1	1	1	US-09-312-014-22	Sequence 22, Appl							
C1338	12	1.1	1	1	US-09-930-423-283	Sequence 283, App							
C1339	12	1.1	1	1	US-09-930-423-464	Sequence 464, App							
C1340	12	1.1	1	1	US-09-930-423-1008	Sequence 1008, App							
C1341	12	1.1	1	1	US-09-930-423-1195	Sequence 1195, App							
C1342	12	1.1	1	1	US-09-930-423-1524	Sequence 1524, App							
C1343	12	1.1	1	1	US-09-780-164-37	Sequence 37, Appl							
C1344	12	1.1	1	1	US-09-780-164-506	Sequence 506, App							
C1345	12	1.1	1	1	US-09-780-164-764	Sequence 764, App							
C1346	12	1.1	1	1	US-09-780-164-978	Sequence 978, App							
C1347	12	1.1	1	1	US-09-780-164-979	Sequence 979, App							

## ALIGNMENTS

## RESULT 1

US-10-002-536A-5/c

; Sequence 5, Application US/10002536A

; Publication No. US20030108874A1

; GENERAL INFORMATION:

; APPLICANT: Kane, Michael D.

; APPLICANT: Nagel, Aaron C.

; APPLICANT: Donbowski, Alan A.

; TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED

; TITLE OF INVENTION: (NRNAS) IN EUKARYOTIC ORGANISMS

; FILE REFERENCE: 65446-87

; CURRENT APPLICATION NUMBER: US/10/002,536A

; CURRENT FILING DATE: 2003-02-11

; NUMBER OF SEQ ID NOS: 5

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 5

; LENGTH: 25

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:



C 983	12.4	1.1	16	1	US-09-881-012-201	Sequence 201, App	1056	12.4	1.1	17	1	US-10-156-306-1274	Sequence 1274, App
C 984	12.4	1.1	17	1	US-09-866-108-7667	Sequence 7667, App	1057	12.4	1.1	17	1	US-10-156-306-1299	Sequence 1299, App
C 985	12.4	1.1	17	1	US-09-866-108-7671	Sequence 7671, App	1058	12.4	1.1	17	1	US-10-156-306-1331	Sequence 1331, App
C 986	12.4	1.1	17	1	US-09-866-108-7792	Sequence 7792, App	1059	12.4	1.1	17	1	US-10-156-306-3745	Sequence 3745, App
C 987	12.4	1.1	17	1	US-09-866-108-7793	Sequence 7793, App	1060	12.4	1.1	17	1	US-10-156-306-4410	Sequence 4410, App
C 988	12.4	1.1	17	1	US-09-866-108-7794	Sequence 7794, App	1061	12.4	1.1	17	1	US-10-156-306-4432	Sequence 4432, App
C 989	12.4	1.1	17	1	US-09-866-108-7795	Sequence 7795, App	1062	12.4	1.1	17	1	US-10-156-306-4876	Sequence 4876, App
C 990	12.4	1.1	17	1	US-09-866-108-8103	Sequence 8103, App	1063	12.4	1.1	17	1	US-10-156-306-4967	Sequence 4967, App
C 991	12.4	1.1	17	1	US-09-866-108-8104	Sequence 8104, App	1064	12.4	1.1	17	1	US-10-156-306-4968	Sequence 4968, App
C 992	12.4	1.1	17	1	US-09-866-108-8105	Sequence 8105, App	1065	12.4	1.1	17	1	US-10-156-306-5818	Sequence 5818, App
C 993	12.4	1.1	17	1	US-09-866-108-8106	Sequence 8106, App	1066	12.4	1.1	17	1	US-10-156-306-5898	Sequence 5898, App
C 994	12.4	1.1	17	1	US-09-866-108-8385	Sequence 8385, App	1067	12.2	1.1	14	1	US-10-015-593-1	Sequence 1, Appl
C 995	12.4	1.1	17	1	US-09-866-108-8386	Sequence 8386, App	1068	12.2	1.1	14	1	US-10-160-865-10	Sequence 10, Appl
C 996	12.4	1.1	17	1	US-09-866-108-8651	Sequence 8651, App	1069	12.2	1.1	17	1	US-09-866-108-1176	Sequence 1176, App
C 997	12.4	1.1	17	1	US-09-864-785-246	Sequence 246, App	1070	12.2	1.1	17	1	US-09-866-108-1399	Sequence 1399, App
C 998	12.4	1.1	17	1	US-09-825-805-376	Sequence 376, App	1071	12.2	1.1	17	1	US-09-866-108-212	Sequence 212, App
C 999	12.4	1.1	17	1	US-09-825-805-467	Sequence 467, App	1072	12.2	1.1	17	1	US-09-866-108-559	Sequence 559, App
C1000	12.4	1.1	17	1	US-09-825-805-502	Sequence 502, App	1073	12.2	1.1	17	1	US-09-866-108-560	Sequence 560, App
C1001	12.4	1.1	17	1	US-09-825-805-625	Sequence 625, App	1074	12.2	1.1	17	1	US-09-866-108-561	Sequence 561, App
C1002	12.4	1.1	17	1	US-09-825-805-627	Sequence 627, App	1075	12.2	1.1	17	1	US-09-866-108-1387	Sequence 1387, App
C1003	12.4	1.1	17	1	US-09-825-805-666	Sequence 666, App	1076	12.2	1.1	17	1	US-09-866-108-2231	Sequence 2231, App
C1004	12.4	1.1	17	1	US-09-825-805-674	Sequence 674, App	1077	12.2	1.1	17	1	US-09-866-108-2232	Sequence 2232, App
C1005	12.4	1.1	17	1	US-09-818-875-2218	Sequence 2218, App	1078	12.2	1.1	17	1	US-09-866-108-2245	Sequence 2245, App
C1006	12.4	1.1	17	1	US-09-818-875-2219	Sequence 2219, App	1079	12.2	1.1	17	1	US-09-866-108-6365	Sequence 6365, App
C1007	12.4	1.1	17	1	US-09-784-674-108	Sequence 108, App	1080	12.2	1.1	17	1	US-09-866-108-6541	Sequence 6541, App
C1008	12.4	1.1	17	1	US-09-780-533A-420	Sequence 420, App	1081	12.2	1.1	17	1	US-09-866-108-6619	Sequence 6619, App
C1009	12.4	1.1	17	1	US-09-780-533A-2482	Sequence 2482, App	1082	12.2	1.1	17	1	US-09-866-108-6710	Sequence 6710, App
C1010	12.4	1.1	17	1	US-09-877-478-316	Sequence 316, App	1083	12.2	1.1	17	1	US-09-866-108-7179	Sequence 7179, App
C1011	12.4	1.1	17	1	US-09-877-478-319	Sequence 319, App	1084	12.2	1.1	17	1	US-09-866-108-7380	Sequence 7380, App
C1012	12.4	1.1	17	1	US-09-848-754A-415	Sequence 415, App	1085	12.2	1.1	17	1	US-09-866-108-7684	Sequence 7684, App
C1013	12.4	1.1	17	1	US-09-776-474-472	Sequence 472, App	1086	12.2	1.1	17	1	US-09-866-108-8240	Sequence 8240, App
C1014	12.4	1.1	17	1	US-09-776-474-473	Sequence 473, App	1087	12.2	1.1	17	1	US-09-866-108-8309	Sequence 8309, App
C1015	12.4	1.1	17	1	US-09-740-332-1783	Sequence 1783, App	1088	12.2	1.1	17	1	US-09-866-108-8377	Sequence 8377, App
C1016	12.4	1.1	17	1	US-09-740-332-2772	Sequence 2772, App	1089	12.2	1.1	17	1	US-09-866-108-8493	Sequence 8493, App
C1017	12.4	1.1	17	1	US-10-307-005-1559	Sequence 1559, App	1090	12.2	1.1	17	1	US-09-866-108-8456	Sequence 8456, App
C1018	12.4	1.1	17	1	US-10-307-005-1560	Sequence 1560, App	1091	12.2	1.1	17	1	US-09-866-108-8809	Sequence 8809, App
C1019	12.4	1.1	17	1	US-09-792-818-366	Sequence 366, App	1092	12.2	1.1	17	1	US-09-866-108-8950	Sequence 8950, App
C1020	12.4	1.1	17	1	US-09-792-818-368	Sequence 368, App	1093	12.2	1.1	17	1	US-09-866-108-8996	Sequence 8996, App
C1021	12.4	1.1	17	1	US-10-238-700-389	Sequence 389, App	1094	12.2	1.1	17	1	US-09-866-108-9035	Sequence 9035, App
C1022	12.4	1.1	17	1	US-10-238-700-395	Sequence 395, App	1095	12.2	1.1	17	1	US-09-866-108-10218	Sequence 10218, A
C1023	12.4	1.1	17	1	US-10-238-700-2702	Sequence 2702, App	1096	12.2	1.1	17	1	US-09-866-108-10477	Sequence 10477, A
C1024	12.4	1.1	17	1	US-10-238-700-3400	Sequence 3400, App	1097	12.2	1.1	17	1	US-09-827-998-367	Sequence 367, App
C1025	12.4	1.1	17	1	US-10-339-782-248	Sequence 248, App	1098	12.2	1.1	17	1	US-09-827-998-466	Sequence 466, App
C1026	12.4	1.1	17	1	US-10-339-782-467	Sequence 467, App	1099	12.2	1.1	17	1	US-09-864-785-145	Sequence 145, App
C1027	12.4	1.1	17	1	US-09-817-879-1783	Sequence 1783, App	1100	12.2	1.1	17	1	US-09-864-785-222	Sequence 222, App
C1028	12.4	1.1	17	1	US-09-817-879-2772	Sequence 2772, App	1101	12.2	1.1	17	1	US-09-864-785-222	Sequence 222, App
C1029	12.4	1.1	17	1	US-10-339-793-142	Sequence 142, App	1102	12.2	1.1	17	1	US-09-864-785-244	Sequence 244, App
C1030	12.4	1.1	17	1	US-10-339-777-382	Sequence 382, App	1103	12.2	1.1	17	1	US-09-864-785-586	Sequence 586, App
C1031	12.4	1.1	17	1	US-10-209-787-2218	Sequence 2218, App	1104	12.2	1.1	17	1	US-09-864-785-588	Sequence 588, App
C1032	12.4	1.1	17	1	US-10-209-787-2219	Sequence 2219, App	1105	12.2	1.1	17	1	US-09-864-785-589	Sequence 589, App
C1033	12.4	1.1	17	1	US-10-041-856-35	Sequence 35, Appl	1106	12.2	1.1	17	1	US-09-864-785-1599	Sequence 1599, App
C1034	12.4	1.1	17	1	US-10-060-830-740	Sequence 740, App	1107	12.2	1.1	17	1	US-09-864-785-1595	Sequence 1595, App
C1035	12.4	1.1	17	1	US-10-060-830-741	Sequence 741, App	1108	12.2	1.1	17	1	US-09-864-785-1605	Sequence 1605, App
C1036	12.4	1.1	17	1	US-10-060-830-742	Sequence 742, App	1109	12.2	1.1	17	1	US-09-825-805-331	Sequence 331, App
C1037	12.4	1.1	17	1	US-10-060-830-743	Sequence 743, App	1110	12.2	1.1	17	1	US-09-825-805-604	Sequence 604, App
C1038	12.4	1.1	17	1	US-10-060-895A-113	Sequence 113, App	1111	12.2	1.1	17	1	US-09-825-805-683	Sequence 683, App
C1039	12.4	1.1	17	1	US-10-060-895A-114	Sequence 114, App	1112	12.2	1.1	17	1	US-09-961-077-176	Sequence 176, App
C1040	12.4	1.1	17	1	US-10-060-895A-115	Sequence 115, App	1113	12.2	1.1	17	1	US-09-961-077-666	Sequence 666, App
C1041	12.4	1.1	17	1	US-10-060-895A-116	Sequence 116, App	1114	12.2	1.1	17	1	US-09-961-077-881	Sequence 881, App
C1042	12.4	1.1	17	1	US-10-163-552-219	Sequence 219, App	1115	12.2	1.1	17	1	US-09-961-077-884	Sequence 884, App
C1043	12.4	1.1	17	1	US-10-163-552-222	Sequence 222, App	1116	12.2	1.1	17	1	US-09-961-077-885	Sequence 885, App
C1044	12.4	1.1	17	1	US-10-163-552-223	Sequence 223, App	1117	12.2	1.1	17	1	US-09-818-875-3158	Sequence 3158, App
C1045	12.4	1.1	17	1	US-10-163-552-263	Sequence 263, App	1118	12.2	1.1	17	1	US-09-818-875-3159	Sequence 3159, App
C1046	12.4	1.1	17	1	US-10-163-552-333	Sequence 333, App	1119	12.2	1.1	17	1	US-09-780-533A-237	Sequence 237, App
C1047	12.4	1.1	17	1	US-10-163-552-334	Sequence 334, App	1120	12.2	1.1	17	1	US-09-780-533A-1168	Sequence 1168, App
C1048	12.4	1.1	17	1	US-10-163-552-358	Sequence 358, App	1121	12.2	1.1	17	1	US-09-780-533A-1169	Sequence 1169, App
C1049	12.4	1.1	17	1	US-10-163-552-423	Sequence 423, App	1122	12.2	1.1	17	1	US-09-780-533A-1623	Sequence 1623, App
C1050	12.4	1.1	17	1	US-10-163-552-828	Sequence 828, App	1123	12.2	1.1	17	1	US-09-780-533A-2172	Sequence 2172, App
C1051	12.4	1.1	17	1	US-10-156-306-26	Sequence 26, Appl	1124	12.2	1.1	17	1	US-09-780-533A-2580	Sequence 2580, App
C1052	12.4	1.1	17	1	US-10-156-306-79	Sequence 79, Appl	1125	12.2	1.1	17	1	US-09-877-478-1079	Sequence 1079, App
C1053	12.4	1.1	17	1	US-10-156-306-80	Sequence 80, Appl	1126	12.2	1.1	17	1	US-09-877-478-2109	Sequence 2109, App
C1054	12.4	1.1	17	1	US-10-156-306-81	Sequence 81, Appl	1127	12.2	1.1	17	1	US-09-848-754A-233	Sequence 233, App
C1055	12.4	1.1	17	1	US-10-156-306-86	Sequence 86, Appl	1128	12.2	1.1	17	1	US-09-848-754A-360	Sequence 360, App
					Sequence 546, App								

C 837 13 1.2 1 US-10-017-995-868 Sequence 868, App  
C 838 13 1.2 1 US-10-149-121-9 Sequence 9, Appl  
C 839 13 1.2 1 US-10-325-881-56 Sequence 56, Appl  
C 840 13 1.2 1 US-10-180-196-6 Sequence 6, Appl  
C 841 13 1.2 1 US-09-810-936-130 Sequence 130, App  
C 842 13 1.2 1 US-09-738-973-47 Sequence 47, Appl  
C 843 13 1.2 1 US-09-429-755-130 Sequence 130, App  
C 844 13 1.2 1 US-09-924-400-130 Sequence 130, App  
C 845 13 1.2 1 US-09-854-133-47 Sequence 47, Appl  
C 846 13 1.2 1 US-10-385-450-19 Sequence 19, Appl  
C 847 13 1.2 1 US-10-385-450-20 Sequence 20, Appl  
C 848 13 1.2 1 US-10-103-614A-2 Sequence 2, Appl  
C 849 13 1.2 1 US-10-101-844-23 Sequence 23, Appl  
C 850 13 1.2 1 US-10-144-649A-47 Sequence 47, Appl  
C 851 13 1.2 1 US-10-212-679-130 Sequence 130, App  
C 852 13 1.2 1 US-09-504-231A-440 Sequence 440, App  
C 853 13 1.2 1 US-09-504-231A-1245 Sequence 1245, App  
C 854 13 1.2 1 US-09-274-553D-440 Sequence 440, App  
C 855 13 1.2 1 US-09-274-553D-1245 Sequence 1245, App  
C 856 13 1.2 1 US-09-263-959-59 Sequence 59, Appl  
C 857 13 1.2 1 US-10-010-802-180 Sequence 180, App  
C 858 13 1.2 1 US-10-287-919-2272 Sequence 2272, App  
C 859 13 1.2 1 US-10-287-919-2240 Sequence 2400, App  
C 860 13 1.2 1 US-10-331-907-423 Sequence 423, App  
C 861 13 1.2 1 US-09-866-108-1758 Sequence 1758, App  
C 862 13 1.2 1 US-09-866-108-1759 Sequence 1759, App  
C 863 13 1.2 1 US-09-866-108-1760 Sequence 1760, App  
C 864 13 1.2 1 US-09-866-108-1761 Sequence 1761, App  
C 865 13 1.2 1 US-09-866-108-1762 Sequence 1762, App  
C 866 13 1.2 1 US-10-339-782-358 Sequence 358, App  
C 867 13 1.2 1 US-10-156-306-527 Sequence 527, App  
C 868 13 1.2 1 US-09-969-373-3287 Sequence 3287, App  
C 869 13 1.2 1 US-10-106-799-2 Sequence 2, Appl  
C 870 13 1.2 1 US-10-106-799-3 Sequence 3, Appl  
C 871 13 1.2 1 US-09-823-887C-6 Sequence 6, Appl  
C 872 13 1.2 1 US-09-823-887C-7 Sequence 7, Appl  
C 873 13 1.2 1 US-10-109-363-17 Sequence 17, Appl  
C 874 13 1.2 1 US-10-109-363-18 Sequence 18, Appl  
C 875 13 1.2 1 US-10-181-603-10 Sequence 10, Appl  
C 876 13 1.2 1 US-10-309-608-44 Sequence 44, Appl  
C 877 12.8 1.2 1 US-09-263-959-950 Sequence 950, App  
C 878 12.8 1.2 1 US-10-084-839-3790 Sequence 3790, App  
C 879 12.8 1.2 1 US-09-866-108-1787 Sequence 1787, App  
C 880 12.8 1.2 1 US-09-866-108-1788 Sequence 1788, App  
C 881 12.8 1.2 1 US-09-866-108-6595 Sequence 6595, App  
C 882 12.8 1.2 1 US-09-866-108-6596 Sequence 6596, App  
C 883 12.8 1.2 1 US-09-866-108-7586 Sequence 7586, App  
C 884 12.8 1.2 1 US-09-866-108-7587 Sequence 7587, App  
C 885 12.8 1.2 1 US-09-866-108-8378 Sequence 8378, App  
C 886 12.8 1.2 1 US-09-866-108-8384 Sequence 8384, App  
C 887 12.8 1.2 1 US-09-866-108-8655 Sequence 8655, App  
C 888 12.8 1.2 1 US-09-827-998-483 Sequence 483, App  
C 889 12.8 1.2 1 US-09-827-998-485 Sequence 485, App  
C 890 12.8 1.2 1 US-09-864-785-146 Sequence 146, App  
C 891 12.8 1.2 1 US-09-864-785-245 Sequence 245, App  
C 892 12.8 1.2 1 US-09-864-785-587 Sequence 587, App  
C 893 12.8 1.2 1 US-09-864-785-1488 Sequence 1488, App  
C 894 12.8 1.2 1 US-09-825-805-408 Sequence 408, App  
C 895 12.8 1.2 1 US-09-825-805-557 Sequence 557, App  
C 896 12.8 1.2 1 US-09-825-805-856 Sequence 856, App  
C 897 12.8 1.2 1 US-09-961-077-149 Sequence 149, App  
C 898 12.8 1.2 1 US-09-961-077-863 Sequence 863, App  
C 899 12.8 1.2 1 US-09-765-0613-44 Sequence 44, Appl  
C 900 12.8 1.2 1 US-09-818-875-599 Sequence 599, App  
C 901 12.8 1.2 1 US-09-818-875-600 Sequence 600, App  
C 902 12.8 1.2 1 US-09-784-674-112 Sequence 112, App  
C 903 12.8 1.2 1 US-09-780-533A-1170 Sequence 1170, App  
C 904 12.8 1.2 1 US-09-780-533A-1424 Sequence 1424, App  
C 905 12.8 1.2 1 US-09-780-533A-1891 Sequence 1891, App  
C 906 12.8 1.2 1 US-09-780-533A-1940 Sequence 1940, App  
C 907 12.8 1.2 1 US-09-780-533A-2483 Sequence 2483, App  
C 908 12.8 1.2 1 US-09-877-478-2454 Sequence 2454, App  
C 909 12.8 1.2 1 US-09-848-754A-257 Sequence 257, App

C 910 12.8 1.2 1 US-09-848-754A-1350 Sequence 1350, App  
C 911 12.8 1.2 1 US-09-848-754A-1419 Sequence 1419, App  
C 912 12.8 1.2 1 US-09-848-754A-2448 Sequence 2448, App  
C 913 12.8 1.2 1 US-09-776-474-440 Sequence 440, App  
C 914 12.8 1.2 1 US-09-776-474-471 Sequence 471, App  
C 915 12.8 1.2 1 US-09-776-474-1093 Sequence 1093, App  
C 916 12.8 1.2 1 US-09-930-423-1741 Sequence 1741, App  
C 917 12.8 1.2 1 US-09-930-423-1745 Sequence 1745, App  
C 918 1.2 1 US-09-780-164-892 Sequence 892, App  
C 919 1.2 1 US-09-827-395A-273 Sequence 273, App  
C 920 1.2 1 US-09-827-395A-561 Sequence 561, App  
C 921 1.2 1 US-09-827-395A-646 Sequence 646, App  
C 922 1.2 1 US-09-827-395A-893 Sequence 893, App  
C 923 1.2 1 US-09-827-395A-894 Sequence 894, App  
C 924 1.2 1 US-09-740-332-1032 Sequence 1032, App  
C 925 1.2 1 US-09-740-332-3523 Sequence 3523, App  
C 926 1.2 1 US-10-307-005-1755 Sequence 1755, App  
C 927 1.2 1 US-10-307-005-1756 Sequence 1756, App  
C 928 1.2 1 US-10-307-005-1995 Sequence 1995, App  
C 929 1.2 1 US-10-307-005-1996 Sequence 1996, App  
C 930 1.2 1 US-09-745-237A-1741 Sequence 1741, App  
C 931 1.2 1 US-09-745-237A-1745 Sequence 1745, App  
C 932 1.2 1 US-10-238-700-2933 Sequence 2933, App  
C 933 1.2 1 US-10-169-983-2 Sequence 2, Appl  
C 934 1.2 1 US-10-061-201-1670 Sequence 1670, App  
C 935 1.2 1 US-10-061-201-1671 Sequence 1671, App  
C 936 1.2 1 US-09-817-879-1032 Sequence 1032, App  
C 937 1.2 1 US-09-817-879-3523 Sequence 3523, App  
C 938 1.2 1 US-10-339-793-68 Sequence 68, Appl  
C 939 1.2 1 US-10-230-006-760 Sequence 760, App  
C 940 1.2 1 US-10-209-787-599 Sequence 599, App  
C 941 1.2 1 US-10-209-787-600 Sequence 600, App  
C 942 1.2 1 US-10-020-038-14 Sequence 14, Appl  
C 943 1.2 1 US-10-163-552-424 Sequence 424, App  
C 944 1.2 1 US-10-163-552-845 Sequence 845, App  
C 945 1.2 1 US-10-163-552-890 Sequence 890, App  
C 946 1.2 1 US-10-163-552-891 Sequence 891, App  
C 947 1.2 1 US-10-163-552-984 Sequence 984, App  
C 948 1.2 1 US-10-156-306-11 Sequence 11, Appl  
C 949 1.2 1 US-10-156-306-557 Sequence 557, App  
C 950 1.2 1 US-10-156-306-1273 Sequence 1273, App  
C 951 1.2 1 US-10-156-306-1646 Sequence 1646, App  
C 952 1.2 1 US-10-156-306-1672 Sequence 1672, App  
C 953 1.2 1 US-10-156-306-2407 Sequence 2407, App  
C 954 1.2 1 US-10-156-306-3523 Sequence 3523, App  
C 955 1.2 1 US-10-156-306-4867 Sequence 4867, App  
C 956 1.2 1 US-10-156-306-6865 Sequence 6865, App  
C 957 1.2 1 US-09-736-084-66 Sequence 66, Appl  
C 958 1.2 1 US-09-880-732-49 Sequence 49, Appl  
C 959 1.2 1 US-09-969-373-3446 Sequence 3446, App  
C 960 1.2 1 US-09-785-061B-60 Sequence 60, Appl  
C 961 1.2 1 US-09-824-322B-174 Sequence 174, App  
C 962 1.2 1 US-09-824-322B-175 Sequence 175, App  
C 963 1.2 1 US-09-824-322B-176 Sequence 176, App  
C 964 1.2 1 US-09-918-156-47 Sequence 47, Appl  
C 965 1.2 1 US-10-388-263-341 Sequence 341, App  
C 966 1.2 1 US-10-270-839-125 Sequence 125, App  
C 967 1.2 1 US-10-440-850-1109 Sequence 1109, App  
C 968 1.2 1 US-10-100-516-14 Sequence 14, Appl  
C 969 1.2 1 US-10-269-031A-122 Sequence 122, App  
C 970 1.2 1 US-10-269-031A-123 Sequence 123, App  
C 971 1.2 1 US-09-945-059-6 Sequence 6, Appl  
C 972 1.2 1 US-09-152-059-116 Sequence 116, App  
C 973 1.2 1 US-09-998-780-12 Sequence 12, Appl  
C 974 1.2 1 US-10-008-029-116 Sequence 116, App  
C 975 1.2 1 US-10-208-650-116 Sequence 116, App  
C 976 1.2 1 US-09-504-231A-1098 Sequence 1098, App  
C 977 1.2 1 US-09-504-231A-1243 Sequence 1243, App  
C 978 1.2 1 US-09-274-553D-1098 Sequence 1098, App  
C 979 1.2 1 US-09-274-553D-1243 Sequence 1243, App  
C 980 1.2 1 US-10-056-414-359 Sequence 259, App  
C 981 1.2 1 US-10-056-414-360 Sequence 260, App  
C 982 1.2 1 US-10-156-306-7797 Sequence 7797, App

Sequence 1350, App  
Sequence 1419, App  
Sequence 2448, App  
Sequence 440, App  
Sequence 471, App  
Sequence 1093, App  
Sequence 1741, App  
Sequence 1745, App  
Sequence 892, App  
Sequence 273, App  
Sequence 561, App  
Sequence 646, App  
Sequence 893, App  
Sequence 894, App  
Sequence 1032, App  
Sequence 3523, App  
Sequence 1755, App  
Sequence 1756, App  
Sequence 1995, App  
Sequence 1996, App  
Sequence 1741, App  
Sequence 1745, App  
Sequence 2933, App  
Sequence 2, Appl  
Sequence 1670, App  
Sequence 1671, App  
Sequence 1032, App  
Sequence 3523, App  
Sequence 68, Appl  
Sequence 760, App  
Sequence 599, App  
Sequence 600, App  
Sequence 14, Appl  
Sequence 424, App  
Sequence 845, App  
Sequence 890, App  
Sequence 891, App  
Sequence 984, App  
Sequence 11, Appl  
Sequence 557, App  
Sequence 1273, App  
Sequence 1646, App  
Sequence 1672, App  
Sequence 2407, App  
Sequence 3523, App  
Sequence 4867, App  
Sequence 6865, App  
Sequence 66, Appl  
Sequence 49, Appl  
Sequence 3446, App  
Sequence 60, Appl  
Sequence 174, App  
Sequence 175, App  
Sequence 176, App  
Sequence 47, Appl  
Sequence 341, App  
Sequence 125, App  
Sequence 1109, App  
Sequence 14, Appl  
Sequence 122, App  
Sequence 123, App  
Sequence 6, Appl  
Sequence 116, App  
Sequence 12, Appl  
Sequence 116, App  
Sequence 116, App  
Sequence 1098, App  
Sequence 1243, App  
Sequence 1098, App  
Sequence 1243, App  
Sequence 259, App  
Sequence 260, App  
Sequence 7797, App

691	14	1.3	14	1	US-10-106-749-4	Sequence 4, Appli	764	13.4	1.2	17	1	US-09-866-108-7670	Sequence 7670, Ap
692	14	1.3	14	1	US-10-151-061-16	Sequence 16, Appl	C 765	13.4	1.2	17	1	US-09-866-108-8380	Sequence 8380, Ap
693	14	1.3	14	1	US-10-208-357-20	Sequence 20, Appl	C 766	13.4	1.2	17	1	US-09-866-108-8652	Sequence 8652, Ap
694	14	1.3	14	1	US-10-301-844-20	Sequence 20, Appl	C 767	13.4	1.2	17	1	US-09-866-108-8653	Sequence 8653, Ap
695	14	1.3	15	1	US-10-227-001-24	Sequence 24, Appl	C 768	13.4	1.2	17	1	US-09-825-805-834	Sequence 834, App
696	14	1.3	15	1	US-09-894-159-64	Sequence 64, Appl	C 769	13.4	1.2	17	1	US-09-818-875-3710	Sequence 3710, Ap
697	14	1.3	16	1	US-08-983-605-377	Sequence 377, App	C 770	13.4	1.2	17	1	US-09-818-875-3711	Sequence 3711, Ap
698	14	1.3	17	1	US-10-156-306-526	Sequence 526, App	C 771	13.4	1.2	17	1	US-09-818-875-3714	Sequence 3714, Ap
699	14	1.3	17	1	US-10-106-799-1	Sequence 1, Appli	C 772	13.4	1.2	17	1	US-09-818-875-3718	Sequence 3718, Ap
700	14	1.3	18	1	US-09-823-887C-5	Sequence 5, Appli	C 773	13.4	1.2	17	1	US-09-818-875-3719	Sequence 3719, Ap
701	14	1.3	18	1	US-10-109-363-16	Sequence 16, Appl	C 774	13.4	1.2	17	1	US-09-818-875-3719	Sequence 3719, Ap
702	14	1.3	20	1	US-09-854-883-53	Sequence 53, Appl	C 775	13.4	1.2	17	1	US-09-784-674-109	Sequence 109, App
703	14	1.3	20	1	US-09-888-326-737	Sequence 737, App	C 776	13.4	1.2	17	1	US-09-784-674-110	Sequence 110, App
704	14	1.3	20	1	US-09-776-479-431	Sequence 431, App	C 777	13.4	1.2	17	1	US-09-780-533A-1296	Sequence 1296, Ap
705	14	1.3	20	1	US-10-127-653-26	Sequence 26, Appl	C 778	13.4	1.2	17	1	US-09-780-533A-1700	Sequence 1700, Ap
706	14	1.3	20	1	US-10-360-510-53	Sequence 53, Appl	C 779	13.4	1.2	17	1	US-09-848-754A-1664	Sequence 1664, Ap
707	14	1.3	20	1	US-10-113-653-413	Sequence 413, App	C 780	13.4	1.2	17	1	US-09-848-754A-1665	Sequence 1665, Ap
708	14	1.3	20	1	US-10-017-995-431	Sequence 431, App	C 781	13.4	1.2	17	1	US-09-740-332-1926	Sequence 1926, Ap
709	13.8	1.3	20	1	US-09-866-108-8379	Sequence 8379, Ap	C 782	13.4	1.2	17	1	US-09-740-332-2629	Sequence 2629, Ap
710	13.8	1.3	17	1	US-09-866-108-8381	Sequence 8381, Ap	C 783	13.4	1.2	17	1	US-10-307-005-2111	Sequence 2111, Ap
711	13.8	1.3	17	1	US-09-866-108-8382	Sequence 8382, Ap	C 784	13.4	1.2	17	1	US-10-307-005-2112	Sequence 2112, Ap
712	13.8	1.3	17	1	US-09-866-108-8383	Sequence 8383, Ap	C 785	13.4	1.2	17	1	US-09-792-818-390	Sequence 390, App
713	13.8	1.3	17	1	US-09-866-108-8654	Sequence 8654, App	C 786	13.4	1.2	17	1	US-09-792-818-610	Sequence 610, App
714	13.8	1.3	17	1	US-09-866-108-8654	Sequence 8654, App	C 787	13.4	1.2	17	1	US-09-817-879-1926	Sequence 1926, Ap
715	13.8	1.3	17	1	US-09-827-998-484	Sequence 484, App	C 788	13.4	1.2	17	1	US-09-817-879-2629	Sequence 2629, Ap
716	13.8	1.3	17	1	US-09-825-805-558	Sequence 558, App	C 789	13.4	1.2	17	1	US-10-209-787-3710	Sequence 3710, Ap
717	13.8	1.3	17	1	US-09-861-077-147	Sequence 147, App	C 790	13.4	1.2	17	1	US-10-209-787-3711	Sequence 3711, Ap
718	13.8	1.3	17	1	US-09-818-875-983	Sequence 983, App	C 791	13.4	1.2	17	1	US-10-209-787-3714	Sequence 3714, Ap
719	13.8	1.3	17	1	US-09-818-875-984	Sequence 984, App	C 792	13.4	1.2	17	1	US-10-209-787-3715	Sequence 3715, Ap
720	13.8	1.3	17	1	US-09-784-674-111	Sequence 111, App	C 793	13.4	1.2	17	1	US-10-209-787-3718	Sequence 3718, Ap
721	13.8	1.3	17	1	US-09-780-533A-2484	Sequence 2484, Ap	C 794	13.4	1.2	17	1	US-10-209-787-3719	Sequence 3719, Ap
722	13.8	1.3	17	1	US-09-776-474-441	Sequence 441, App	C 795	13.4	1.2	17	1	US-10-163-552-829	Sequence 829, App
723	13.8	1.3	17	1	US-09-740-332-2165	Sequence 2165, App	C 796	13.4	1.2	17	1	US-10-163-552-829	Sequence 829, App
724	13.8	1.3	17	1	US-09-740-332-2390	Sequence 2390, App	C 797	13.4	1.2	17	1	US-10-156-306-1670	Sequence 1670, Ap
725	13.8	1.3	17	1	US-09-792-818-386	Sequence 386, App	C 798	13.4	1.2	17	1	US-10-156-306-1671	Sequence 1671, Ap
726	13.8	1.3	17	1	US-09-792-818-387	Sequence 387, App	C 799	13.4	1.2	18	1	US-09-728-444A-16	Sequence 16, Appl
727	13.8	1.3	17	1	US-09-817-879-2165	Sequence 2165, App	C 800	13.4	1.2	18	1	US-10-388-263-232	Sequence 232, App
728	13.8	1.3	17	1	US-09-817-879-2390	Sequence 2390, App	C 801	13.4	1.2	19	1	US-10-251-117-199	Sequence 199, App
729	13.8	1.3	17	1	US-10-230-006-758	Sequence 758, App	C 802	13.4	1.2	19	1	US-10-251-117-448	Sequence 448, App
730	13.8	1.3	17	1	US-10-230-006-759	Sequence 759, App	C 803	13.4	1.2	19	1	US-10-251-117-750	Sequence 750, App
731	13.8	1.3	17	1	US-10-209-787-983	Sequence 983, App	C 804	13.4	1.2	19	1	US-10-251-117-1057	Sequence 1057, Ap
732	13.8	1.3	17	1	US-10-209-787-984	Sequence 984, App	C 805	13.4	1.2	19	1	US-10-180-781-2	Sequence 2, Appli
733	13.8	1.3	17	1	US-10-203-224-20	Sequence 20, Appl	C 806	13.4	1.2	19	1	US-10-180-781-43	Sequence 43, Appl
734	13.8	1.3	17	1	US-10-163-552-985	Sequence 985, App	C 807	13.4	1.2	19	1	US-10-205-309-270	Sequence 270, App
735	13.8	1.3	17	1	US-10-156-306-517	Sequence 517, App	C 808	13.4	1.2	19	1	US-10-205-309-595	Sequence 595, App
736	13.8	1.3	17	1	US-10-156-306-518	Sequence 518, App	C 809	13.2	1.2	18	1	US-09-838-386-9	Sequence 9, Appli
737	13.8	1.3	17	1	US-10-156-306-519	Sequence 519, App	C 810	13.2	1.2	18	1	US-09-942-588A-39	Sequence 39, Appl
738	13.8	1.3	17	1	US-10-156-306-2399	Sequence 2399, App	C 811	13.2	1.2	18	1	US-09-764-420A-40	Sequence 40, Appl
739	13.8	1.3	17	1	US-09-869-373-4310	Sequence 4310, App	C 812	13.2	1.2	18	1	US-09-764-420A-40	Sequence 40, Appl
740	13.8	1.3	18	1	US-09-728-574-2	Sequence 2, Appli	C 813	13.2	1.2	18	1	US-03-969-373-1831	Sequence 1831, Ap
741	13.8	1.3	18	1	US-09-263-959-716	Sequence 716, App	C 814	13.2	1.2	18	1	US-03-942-586A-39	Sequence 39, Appl
742	13.8	1.3	18	1	US-10-388-263-241	Sequence 241, App	C 815	13.2	1.2	18	1	US-09-988-873A-39	Sequence 39, Appl
743	13.8	1.3	18	1	US-10-277-216-96	Sequence 96, Appl	C 816	13.2	1.2	18	1	US-09-774-381-11	Sequence 11, Appl
744	13.8	1.3	18	1	US-10-289-845-11	Sequence 11, Appl	C 817	13.2	1.2	18	1	US-09-791-190A-12	Sequence 12, Appl
745	13.8	1.3	18	1	US-10-388-261-24	Sequence 24, Appl	C 818	13.2	1.2	18	1	US-10-388-263-138	Sequence 138, App
746	13.8	1.3	18	1	US-10-188-404-32	Sequence 32, Appl	C 819	13.2	1.2	18	1	US-10-388-263-327	Sequence 327, App
747	13.8	1.3	18	1	US-10-188-404-33	Sequence 33, Appl	C 820	13.2	1.2	18	1	US-10-388-263-362	Sequence 362, App
748	13.8	1.3	18	1	US-10-216-122-113	Sequence 113, App	C 821	13.2	1.2	18	1	US-10-392-622A-39	Sequence 39, Appl
749	13.8	1.3	19	1	US-09-825-155-5	Sequence 5, Appli	C 822	13.2	1.2	18	1	US-10-176-325-131	Sequence 131, App
750	13.8	1.3	19	1	US-10-224-005-26	Sequence 26, Appl	C 823	13.2	1.2	18	1	US-10-231-302-39	Sequence 39, Appl
751	13.8	1.3	19	1	US-10-224-005-187	Sequence 187, App	C 824	13.2	1.2	18	1	US-10-316-754-46	Sequence 46, Appl
752	13.8	1.3	19	1	US-10-251-117-218	Sequence 218, App	C 825	13	1.2	13	1	US-09-862-101-2	Sequence 2, Appli
753	13.8	1.3	19	1	US-10-225-117-467	Sequence 167, App	C 826	13	1.2	13	1	US-09-919-345-2	Sequence 2, Appli
754	13.8	1.3	19	1	US-10-225-023-196	Sequence 196, App	C 827	13	1.2	13	1	US-09-888-326-835	Sequence 835, App
755	13.8	1.3	19	1	US-10-225-023-934	Sequence 934, App	C 828	13	1.2	13	1	US-09-888-326-836	Sequence 836, App
756	13.4	1.2	15	1	US-09-504-231A-1244	Sequence 1244, Ap	C 829	13	1.2	13	1	US-09-776-479-867	Sequence 867, App
757	13.4	1.2	15	1	US-09-274-553D-1244	Sequence 1244, Ap	C 830	13	1.2	13	1	US-09-776-479-868	Sequence 868, App
758	13.4	1.2	15	1	US-09-805-296D-12	Sequence 12, Appl	C 831	13	1.2	13	1	US-10-371-600-13	Sequence 13, Appl
759	13.4	1.2	15	1	US-10-051-436-12	Sequence 12, Appl	C 832	13	1.2	13	1	US-10-361-028-56	Sequence 56, Appl
760	13.4	1.2	15	1	US-10-072-975-12	Sequence 12, Appl	C 833	13	1.2	13	1	US-10-208-357-19	Sequence 19, Appl
761	13.4	1.2	16	1	US-10-184-915-3	Sequence 3, Appli	C 834	13	1.2	13	1	US-10-112-653-838	Sequence 838, App
762	13.4	1.2	17	1	US-09-866-108-7668	Sequence 7668, Ap	C 835	13	1.2	13	1	US-10-112-653-839	Sequence 839, App
763	13.4	1.2	17	1	US-09-866-108-7669	Sequence 7669, Ap	C 836	13	1.2	13	1	US-10-017-695-867	Sequence 867, App



C 399	15	1.4	16	1	US-10-164-915-2	Sequence 2, Appl	472	14.2	1.3	20	1	US-10-177-554-187	Sequence 187, App
C 400	15	1.4	16	1	US-10-227-001-20	Sequence 20, Appl	C 473	14.2	1.3	20	1	US-10-020-476-21	Sequence 21, Appl
C 401	15	1.4	17	1	US-09-788-362-3	Sequence 3, Appl	C 474	14.2	1.3	20	1	US-10-024-396-43	Sequence 43, Appl
C 402	15	1.4	17	1	US-09-090-672B-106	Sequence 106, App	C 475	14.2	1.3	20	1	US-10-084-839-1287	Sequence 1287, App
C 403	15	1.4	17	1	US-09-090-672B-107	Sequence 107, App	C 476	14.2	1.3	20	1	US-10-005-344-12	Sequence 12, Appl
C 404	15	1.4	17	1	US-09-788-338-3	Sequence 3, Appl	C 477	14.2	1.3	20	1	US-10-005-344-1250	Sequence 250, App
C 405	15	1.4	17	1	US-10-220-373-8	Sequence 8, Appl	C 478	14.2	1.3	20	1	US-10-181-875-45	Sequence 45, Appl
C 406	15	1.4	17	1	US-10-220-373-9	Sequence 9, Appl	C 479	14.2	1.3	20	1	US-10-380-931-155	Sequence 155, App
C 407	15	1.4	17	1	US-09-730-559B-108	Sequence 108, App	C 480	14.2	1.3	20	1	US-10-139-496-28	Sequence 28, Appl
C 408	15	1.4	17	1	US-09-730-559B-109	Sequence 109, App	C 481	14.2	1.3	20	1	US-10-016-149-32	Sequence 32, Appl
C 409	15	1.4	17	1	US-10-146-474-17	Sequence 17, Appl	C 482	14.2	1.3	20	1	US-10-226-355-14	Sequence 14, Appl
C 410	15	1.4	17	1	US-10-156-306-525	Sequence 525, App	C 483	14.2	1.3	20	1	US-10-007-010-14	Sequence 14, Appl
C 411	15	1.4	18	1	US-09-904-743-1	Sequence 1, Appl	C 484	14	1.3	14	1	US-09-152-059-65	Sequence 65, Appl
C 412	15	1.4	18	1	US-09-904-743-2	Sequence 2, Appl	C 485	14	1.3	14	1	US-09-152-059-66	Sequence 66, Appl
C 413	15	1.4	20	1	US-10-374-686-2	Sequence 2, Appl	C 486	14	1.3	14	1	US-09-152-059-67	Sequence 67, Appl
C 414	15	1.4	20	1	US-10-164-915-1	Sequence 1, Appl	C 487	14	1.3	14	1	US-09-152-059-68	Sequence 68, Appl
C 415	15	1.4	21	1	US-09-864-636A-2510	Sequence 2510, App	C 488	14	1.3	14	1	US-09-152-059-80	Sequence 80, Appl
C 416	15	1.4	21	1	US-10-374-686-3	Sequence 3, Appl	C 489	14	1.3	14	1	US-09-152-059-81	Sequence 81, Appl
C 417	15	1.4	21	1	US-10-084-839-2510	Sequence 2510, App	C 490	14	1.3	14	1	US-09-152-059-82	Sequence 82, Appl
C 418	14.8	1.3	19	1	US-09-956-636A-13	Sequence 13, Appl	C 491	14	1.3	14	1	US-09-152-059-83	Sequence 83, Appl
C 419	14.8	1.3	19	1	US-10-251-117-247	Sequence 247, App	C 492	14	1.3	14	1	US-09-152-059-84	Sequence 84, Appl
C 420	14.8	1.3	19	1	US-10-251-117-496	Sequence 496, App	C 493	14	1.3	14	1	US-09-152-059-85	Sequence 85, Appl
C 421	14.8	1.3	20	1	US-09-416-384A-17	Sequence 17, Appl	C 494	14	1.3	14	1	US-09-152-059-86	Sequence 86, Appl
C 422	14.8	1.3	20	1	US-09-860-761-1	Sequence 1, Appl	C 495	14	1.3	14	1	US-09-152-059-87	Sequence 87, Appl
C 423	14.8	1.3	20	1	US-09-940-925A-63	Sequence 63, Appl	C 496	14	1.3	14	1	US-09-152-059-88	Sequence 88, Appl
C 424	14.8	1.3	20	1	US-09-870-406A-10	Sequence 10, Appl	C 497	14	1.3	14	1	US-09-152-059-89	Sequence 89, Appl
C 425	14.8	1.3	20	1	US-09-941-193A-63	Sequence 63, Appl	C 498	14	1.3	14	1	US-09-152-059-90	Sequence 90, Appl
C 426	14.8	1.3	20	1	US-10-167-034-71	Sequence 71, Appl	C 499	14	1.3	14	1	US-09-152-059-91	Sequence 91, Appl
C 427	14.8	1.3	20	1	US-10-167-034-135	Sequence 135, App	C 500	14	1.3	14	1	US-09-152-059-92	Sequence 92, Appl
C 428	14.8	1.3	20	1	US-10-159-901-10	Sequence 10, Appl	C 501	14	1.3	14	1	US-09-152-059-93	Sequence 93, Appl
C 429	14.8	1.3	20	1	US-10-001-844-26	Sequence 26, Appl	C 502	14	1.3	14	1	US-09-152-059-94	Sequence 94, Appl
C 430	14.8	1.3	21	1	US-09-853-385-145	Sequence 145, App	C 503	14	1.3	14	1	US-09-152-059-96	Sequence 96, Appl
C 431	14.4	1.3	16	1	US-10-287-919-872	Sequence 872, App	C 504	14	1.3	14	1	US-09-152-059-97	Sequence 97, Appl
C 432	14.4	1.3	16	1	US-10-287-919-1972	Sequence 1972, App	C 505	14	1.3	14	1	US-09-152-059-98	Sequence 98, Appl
C 433	14.4	1.3	17	1	US-09-818-875-35	Sequence 35, Appl	C 506	14	1.3	14	1	US-09-152-059-99	Sequence 99, Appl
C 434	14.4	1.3	17	1	US-09-818-875-36	Sequence 36, Appl	C 507	14	1.3	14	1	US-09-152-059-100	Sequence 100, App
C 435	14.4	1.3	17	1	US-09-818-875-39	Sequence 39, Appl	C 508	14	1.3	14	1	US-09-152-059-101	Sequence 101, App
C 436	14.4	1.3	17	1	US-09-818-875-40	Sequence 40, Appl	C 509	14	1.3	14	1	US-09-152-059-102	Sequence 102, App
C 437	14.4	1.3	17	1	US-09-818-875-43	Sequence 43, Appl	C 510	14	1.3	14	1	US-09-152-059-103	Sequence 103, App
C 438	14.4	1.3	17	1	US-09-818-875-44	Sequence 44, Appl	C 511	14	1.3	14	1	US-09-152-059-104	Sequence 104, App
C 439	14.4	1.3	17	1	US-09-792-818-388	Sequence 388, App	C 512	14	1.3	14	1	US-09-152-059-105	Sequence 105, App
C 440	14.4	1.3	17	1	US-09-792-818-389	Sequence 389, App	C 513	14	1.3	14	1	US-09-152-059-106	Sequence 106, App
C 441	14.4	1.3	17	1	US-10-338-777-186	Sequence 186, App	C 514	14	1.3	14	1	US-09-152-059-107	Sequence 107, App
C 442	14.4	1.3	17	1	US-10-209-787-35	Sequence 35, Appl	C 515	14	1.3	14	1	US-09-152-059-108	Sequence 108, App
C 443	14.4	1.3	17	1	US-10-209-787-36	Sequence 36, Appl	C 516	14	1.3	14	1	US-09-152-059-109	Sequence 109, App
C 444	14.4	1.3	17	1	US-10-209-787-39	Sequence 39, Appl	C 517	14	1.3	14	1	US-09-152-059-110	Sequence 110, App
C 445	14.4	1.3	17	1	US-10-209-787-40	Sequence 40, Appl	C 518	14	1.3	14	1	US-09-152-059-111	Sequence 111, App
C 446	14.4	1.3	17	1	US-10-209-787-43	Sequence 43, Appl	C 519	14	1.3	14	1	US-09-152-059-112	Sequence 112, App
C 447	14.4	1.3	17	1	US-10-209-787-44	Sequence 44, Appl	C 520	14	1.3	14	1	US-09-152-059-113	Sequence 113, App
C 448	14.4	1.3	17	1	US-10-156-306-520	Sequence 520, App	C 521	14	1.3	14	1	US-09-152-059-114	Sequence 114, App
C 449	14.4	1.3	20	1	US-09-800-629A-21	Sequence 21, Appl	C 522	14	1.3	14	1	US-09-152-059-115	Sequence 115, App
C 450	14.4	1.3	20	1	US-09-791-406-30	Sequence 30, Appl	C 523	14	1.3	14	1	US-09-152-059-117	Sequence 117, App
C 451	14.4	1.3	20	1	US-09-948-003-51	Sequence 51, Appl	C 524	14	1.3	14	1	US-09-152-059-118	Sequence 118, App
C 452	14.4	1.3	20	1	US-10-367-169-37	Sequence 37, Appl	C 525	14	1.3	14	1	US-09-152-059-119	Sequence 119, App
C 453	14.4	1.3	20	1	US-10-277-216-181	Sequence 181, App	C 526	14	1.3	14	1	US-09-152-059-120	Sequence 120, App
C 454	14.4	1.3	20	1	US-10-024-369-86	Sequence 86, Appl	C 527	14	1.3	14	1	US-09-152-059-121	Sequence 121, App
C 455	14.4	1.3	20	1	US-10-076-803-37	Sequence 37, Appl	C 528	14	1.3	14	1	US-09-152-059-122	Sequence 122, App
C 456	14.4	1.3	20	1	US-10-168-633-45	Sequence 45, Appl	C 529	14	1.3	14	1	US-09-152-059-123	Sequence 123, App
C 457	14.4	1.3	20	1	US-10-188-404-49	Sequence 49, Appl	C 530	14	1.3	14	1	US-09-152-059-124	Sequence 124, App
C 458	14.4	1.3	20	1	US-10-139-086-3	Sequence 3, Appl	C 531	14	1.3	14	1	US-09-152-059-125	Sequence 125, App
C 459	14.4	1.3	20	1	US-10-225-082-3	Sequence 3, Appl	C 532	14	1.3	14	1	US-09-152-059-126	Sequence 126, App
C 460	14.4	1.3	19	1	US-10-007-010-32	Sequence 32, Appl	C 533	14	1.3	14	1	US-09-152-059-127	Sequence 127, App
C 461	14.2	1.3	19	1	US-10-314-321A-52	Sequence 52, Appl	C 534	14	1.3	14	1	US-09-152-059-128	Sequence 128, App
C 462	14.2	1.3	19	1	US-10-153-213-24	Sequence 24, Appl	C 535	14	1.3	14	1	US-09-152-059-129	Sequence 129, App
C 463	14.2	1.3	20	1	US-09-752-983-12	Sequence 12, Appl	C 536	14	1.3	14	1	US-09-152-059-130	Sequence 130, App
C 464	14.2	1.3	20	1	US-09-752-983-250	Sequence 250, App	C 537	14	1.3	14	1	US-09-152-059-131	Sequence 131, App
C 465	14.2	1.3	20	1	US-09-851-771A-26	Sequence 26, Appl	C 538	14	1.3	14	1	US-09-152-059-132	Sequence 132, App
C 466	14.2	1.3	20	1	US-09-851-771A-12	Sequence 12, Appl	C 539	14	1.3	14	1	US-09-152-059-133	Sequence 133, App
C 467	14.2	1.3	20	1	US-09-824-322B-305	Sequence 305, App	C 540	14	1.3	14	1	US-09-152-059-134	Sequence 134, App
C 468	14.2	1.3	20	1	US-09-952-522B-58	Sequence 58, App	C 541	14	1.3	14	1	US-09-152-059-135	Sequence 135, App
C 469	14.2	1.3	20	1	US-09-864-636A-1287	Sequence 1287, App	C 542	14	1.3	14	1	US-09-152-059-136	Sequence 136, App
C 470	14.2	1.3	20	1	US-10-323-069A-62	Sequence 62, Appl	C 543	14	1.3	14	1	US-09-152-059-137	Sequence 137, App
C 471	14.2	1.3	20	1	US-10-177-554-51	Sequence 51, Appl	C 544	14	1.3	14	1	US-09-152-059-138	Sequence 138, App

253	15.8	1.4	22	1	US-09-966-491A-46	Sequence 46, Appl	C 326	15.2	1.4	20	1	US-10-015-385A-447	Sequence 447, App
254	15.8	1.4	22	1	US-09-976-971A-43	Sequence 43, Appl	C 327	15.2	1.4	20	1	US-10-007-236A-447	Sequence 447, App
255	15.8	1.4	22	1	US-09-976-971A-46	Sequence 46, Appl	C 328	15.2	1.4	20	1	US-10-015-386A-447	Sequence 447, App
256	15.8	1.4	22	1	US-09-820-279B-43	Sequence 43, Appl	C 329	15.2	1.4	20	1	US-10-126-355-63	Sequence 63, Appl
257	15.8	1.4	22	1	US-09-820-279B-46	Sequence 46, Appl	C 330	15.2	1.4	20	1	US-10-013-915A-447	Sequence 447, App
258	15.8	1.4	22	1	US-09-981-344-43	Sequence 43, Appl	C 331	15.2	1.4	20	1	US-10-015-394A-447	Sequence 447, App
259	15.8	1.4	22	1	US-09-981-344-46	Sequence 46, Appl	C 332	15.2	1.4	20	1	US-10-015-519A-447	Sequence 447, App
260	15.8	1.4	22	1	US-09-957-318A-43	Sequence 43, Appl	C 333	15.2	1.4	20	1	US-10-015-390A-447	Sequence 447, App
261	15.8	1.4	22	1	US-09-957-318A-46	Sequence 46, Appl	C 334	15.2	1.4	20	1	US-10-015-390A-447	Sequence 447, App
262	15.8	1.4	22	1	US-09-974-500A-43	Sequence 43, Appl	C 335	15.2	1.4	20	1	US-10-006-746A-447	Sequence 447, App
263	15.8	1.4	22	1	US-09-974-500A-46	Sequence 46, Appl	C 336	15.2	1.4	20	1	US-10-006-856A-447	Sequence 447, App
264	15.8	1.4	22	1	US-09-975-376A-43	Sequence 43, Appl	C 337	15.2	1.4	20	1	US-10-006-818A-447	Sequence 447, App
265	15.8	1.4	22	1	US-09-975-376A-46	Sequence 46, Appl	C 338	15.2	1.4	20	1	US-10-015-333A-447	Sequence 447, App
266	15.8	1.4	22	1	US-09-957-313A-43	Sequence 43, Appl	C 339	15.2	1.4	20	1	US-10-015-869A-447	Sequence 447, App
267	15.8	1.4	22	1	US-09-957-313A-46	Sequence 46, Appl	C 340	15.2	1.4	20	1	US-10-012-121A-447	Sequence 447, App
268	15.8	1.4	22	1	US-09-976-863A-43	Sequence 43, Appl	C 341	15.2	1.4	20	1	US-10-006-116A-447	Sequence 447, App
269	15.8	1.4	22	1	US-09-976-863A-46	Sequence 46, Appl	C 342	15.2	1.4	20	1	US-10-017-527A-447	Sequence 447, App
270	15.8	1.4	22	1	US-09-976-601A-43	Sequence 43, Appl	C 343	15.2	1.4	20	1	US-10-013-913A-447	Sequence 447, App
271	15.8	1.4	22	1	US-09-976-601A-46	Sequence 46, Appl	C 344	15.2	1.4	20	1	US-10-007-194A-447	Sequence 447, App
272	15.8	1.4	22	1	US-09-975-059A-43	Sequence 43, Appl	C 345	15.2	1.4	20	1	US-10-013-430A-447	Sequence 447, App
273	15.8	1.4	22	1	US-09-975-059A-46	Sequence 46, Appl	C 346	15.2	1.4	20	1	US-10-011-671A-447	Sequence 447, App
274	15.8	1.4	22	1	US-09-976-968A-43	Sequence 43, Appl	C 347	15.2	1.4	20	1	US-10-012-755A-447	Sequence 447, App
275	15.8	1.4	22	1	US-09-976-968A-46	Sequence 46, Appl	C 348	15.2	1.4	20	1	US-10-015-386A-447	Sequence 447, App
276	15.8	1.4	22	1	US-09-976-968A-46	Sequence 46, Appl	C 349	15.2	1.4	20	1	US-10-011-692A-447	Sequence 447, App
277	15.8	1.4	22	1	US-10-106-749-3	Sequence 3, Appl	C 350	15.2	1.4	20	1	US-10-006-768A-447	Sequence 447, App
278	15.8	1.4	22	1	US-10-410-324-43	Sequence 43, Appl	C 351	15.2	1.4	20	1	US-10-017-610A-447	Sequence 447, App
279	15.8	1.4	22	1	US-10-410-324-46	Sequence 46, Appl	C 352	15.2	1.4	20	1	US-10-006-063A-447	Sequence 447, App
280	15.8	1.4	22	1	US-10-266-983-43	Sequence 43, Appl	C 353	15.2	1.4	20	1	US-10-020-083A-447	Sequence 447, App
281	15.8	1.4	22	1	US-10-266-983-46	Sequence 46, Appl	C 354	15.2	1.4	20	1	US-10-015-391A-447	Sequence 447, App
282	15.8	1.4	22	1	US-10-008-978-43	Sequence 43, Appl	C 355	15.2	1.4	20	1	US-10-017-407A-447	Sequence 447, App
283	15.8	1.4	22	1	US-10-008-978-46	Sequence 46, Appl	C 356	15.2	1.4	20	1	US-10-006-041A-447	Sequence 447, App
284	15.8	1.4	22	1	US-09-918-686-90	Sequence 90, Appl	C 357	15.2	1.4	20	1	US-10-011-833A-447	Sequence 447, App
285	15.6	1.4	22	1	US-09-918-686-90	Sequence 90, Appl	C 358	15.2	1.4	20	1	US-10-015-822A-447	Sequence 447, App
286	15.6	1.4	22	1	US-09-918-686-94	Sequence 94, Appl	C 359	15	1.4	15	1	US-09-504-231A-22	Sequence 22, Appl
287	15.6	1.4	22	1	US-09-770-107-92	Sequence 92, Appl	C 360	15	1.4	15	1	US-09-930-218-5	Sequence 5, Appl
288	15.6	1.4	22	1	US-10-353-150-90	Sequence 90, Appl	C 361	15	1.4	15	1	US-09-274-533D-22	Sequence 22, Appl
289	15.6	1.4	22	1	US-10-353-150-94	Sequence 94, Appl	C 362	15	1.4	15	1	US-09-776-874A-5	Sequence 5, Appl
290	15.4	1.4	17	1	US-10-156-306-521	Sequence 521, App	C 363	15	1.4	15	1	US-09-955-410-17	Sequence 17, Appl
291	15.4	1.4	17	1	US-10-156-306-522	Sequence 522, App	C 364	15	1.4	15	1	US-09-955-410-18	Sequence 18, Appl
292	15.4	1.4	20	1	US-09-955-410-4	Sequence 4, Appl	C 365	15	1.4	15	1	US-09-805-296D-10	Sequence 10, Appl
293	15.4	1.4	20	1	US-09-263-959-849	Sequence 849, App	C 366	15	1.4	15	1	US-09-983-210-19	Sequence 19, Appl
294	15.4	1.4	20	1	US-10-154-890-4	Sequence 4, Appl	C 367	15	1.4	15	1	US-09-983-210-20	Sequence 20, Appl
295	15.4	1.4	21	1	US-09-828-034-14	Sequence 14, Appl	C 368	15	1.4	15	1	US-09-850-982B-4	Sequence 4, Appl
296	15.4	1.4	21	1	US-10-418-182-106	Sequence 106, App	C 369	15	1.4	15	1	US-09-988-113-5	Sequence 5, Appl
297	15.2	1.4	17	1	US-10-015-593-2	Sequence 2, Appl	C 370	15	1.4	15	1	US-10-045-673-622	Sequence 622, App
298	15.2	1.4	20	1	US-09-946-374-447	Sequence 447, App	C 371	15	1.4	15	1	US-10-456-573-5	Sequence 5, Appl
299	15.2	1.4	20	1	US-10-175-492-15	Sequence 15, Appl	C 372	15	1.4	15	1	US-10-051-436-10	Sequence 10, Appl
300	15.2	1.4	20	1	US-10-175-492-93	Sequence 93, Appl	C 373	15	1.4	15	1	US-10-341-582-5	Sequence 5, Appl
301	15.2	1.4	20	1	US-10-015-387A-447	Sequence 447, App	C 374	15	1.4	15	1	US-10-106-749-1	Sequence 1, Appl
302	15.2	1.4	20	1	US-10-006-130A-447	Sequence 447, App	C 375	15	1.4	15	1	US-10-106-749-5	Sequence 5, Appl
303	15.2	1.4	20	1	US-10-006-172A-447	Sequence 447, App	C 376	15	1.4	15	1	US-10-384-451-5	Sequence 5, Appl
304	15.2	1.4	20	1	US-10-015-392A-447	Sequence 447, App	C 377	15	1.4	15	1	US-10-269-031A-54	Sequence 54, Appl
305	15.2	1.4	20	1	US-10-017-253A-447	Sequence 447, App	C 378	15	1.4	15	1	US-10-352-704-10	Sequence 10, Appl
306	15.2	1.4	20	1	US-10-017-306A-447	Sequence 447, App	C 379	15	1.4	15	1	US-10-352-704-16	Sequence 16, Appl
307	15.2	1.4	20	1	US-10-012-064A-447	Sequence 447, App	C 380	15	1.4	15	1	US-10-091-231-2	Sequence 2, Appl
308	15.2	1.4	20	1	US-10-017-867A-447	Sequence 447, App	C 381	15	1.4	15	1	US-10-154-890-17	Sequence 17, Appl
309	15.2	1.4	20	1	US-10-012-101B-447	Sequence 447, App	C 382	15	1.4	15	1	US-10-154-890-18	Sequence 18, Appl
310	15.2	1.4	20	1	US-10-012-137A-447	Sequence 447, App	C 383	15	1.4	15	1	US-10-431-438-5	Sequence 5, Appl
311	15.2	1.4	20	1	US-10-012-752A-447	Sequence 447, App	C 384	15	1.4	15	1	US-10-384-450-5	Sequence 5, Appl
312	15.2	1.4	20	1	US-10-012-754A-447	Sequence 447, App	C 385	15	1.4	15	1	US-09-793-146-54	Sequence 54, Appl
313	15.2	1.4	20	1	US-10-013-909A-447	Sequence 447, App	C 386	15	1.4	15	1	US-09-793-146-55	Sequence 55, Appl
314	15.2	1.4	20	1	US-10-013-910A-447	Sequence 447, App	C 387	15	1.4	15	1	US-10-371-218A-5	Sequence 5, Appl
315	15.2	1.4	20	1	US-10-013-911A-447	Sequence 447, App	C 388	15	1.4	15	1	US-10-208-357-21	Sequence 21, Appl
316	15.2	1.4	20	1	US-10-013-912A-447	Sequence 447, App	C 389	15	1.4	15	1	US-10-176-055-9	Sequence 9, Appl
317	15.2	1.4	20	1	US-10-015-610A-447	Sequence 447, App	C 390	15	1.4	15	1	US-10-202-189-9	Sequence 9, Appl
318	15.2	1.4	20	1	US-10-015-653A-447	Sequence 447, App	C 391	15	1.4	15	1	US-10-072-975-10	Sequence 10, Appl
319	15.2	1.4	20	1	US-10-015-671A-447	Sequence 447, App	C 392	15	1.4	15	1	US-10-227-001-23	Sequence 23, Appl
320	15.2	1.4	20	1	US-10-012-237A-447	Sequence 447, App	C 393	15	1.4	16	1	US-09-739-928-3	Sequence 3, Appl
321	15.2	1.4	20	1	US-10-013-906A-447	Sequence 447, App	C 394	15	1.4	16	1	US-09-739-928-4	Sequence 4, Appl
322	15.2	1.4	20	1	US-10-015-388A-447	Sequence 447, App	C 395	15	1.4	16	1	US-09-739-928-5	Sequence 5, Appl
323	15.2	1.4	20	1	US-10-013-480A-447	Sequence 447, App	C 396	15	1.4	16	1	US-09-739-928-6	Sequence 6, Appl
324	15.2	1.4	20	1	US-10-015-715A-447	Sequence 447, App	C 397	15	1.4	16	1	US-09-739-928-7	Sequence 7, Appl
325	15.2	1.4	20	1	US-10-012-753A-447	Sequence 447, App	C 398	15	1.4	16	1	US-09-739-928-8	Sequence 8, Appl

c 107	17	1.5	19	1	US-10-098-816-15	Sequence 15, Appl	180	17	1.5	21	1	US-10-371-066-2	Sequence 2, Appl
c 108	17	1.5	19	1	US-10-098-816-16	Sequence 16, Appl	181	17	1.5	21	1	US-10-170-172-2	Sequence 2, Appl
c 109	17	1.5	19	1	US-10-098-816-17	Sequence 17, Appl	182	17	1.5	21	1	US-10-096-221-4	Sequence 4, Appl
c 110	17	1.5	19	1	US-10-098-816-18	Sequence 18, Appl	183	17	1.5	21	1	US-10-112-653-981	Sequence 881, App
c 111	17	1.5	19	1	US-10-098-816-19	Sequence 19, Appl	c 184	17	1.5	21	1	US-10-017-995-912	Sequence 912, App
c 112	17	1.5	20	1	US-09-005-243-32	Sequence 26, Appl	c 185	17	1.5	21	1	US-10-100-321-23	Sequence 23, Appl
c 113	17	1.5	20	1	US-09-005-243-33	Sequence 32, Appl	186	17	1.5	22	1	US-10-216-122-94	Sequence 94, Appl
c 114	17	1.5	20	1	US-09-224-683-32	Sequence 34, Appl	c 187	17	1.5	24	1	US-10-182-434-1	Sequence 1, Appl
c 115	17	1.5	20	1	US-09-224-683-34	Sequence 32, Appl	188	17	1.5	24	1	US-10-216-122-151	Sequence 151, App
c 116	17	1.5	20	1	US-09-973-788A-55	Sequence 34, Appl	189	17	1.5	20	1	US-09-752-983-249	Sequence 249, App
c 117	17	1.5	20	1	US-09-973-788A-55	Sequence 55, Appl	190	16.8	1.5	20	1	US-10-005-344-249	Sequence 249, App
c 118	17	1.5	20	1	US-09-973-788A-55	Sequence 55, Appl	191	16.4	1.5	18	1	US-09-994-311-7	Sequence 7, Appl
c 119	17	1.5	20	1	US-09-976-617A-55	Sequence 55, Appl	c 192	16.2	1.5	19	1	US-09-981-397A-1	Sequence 1, Appl
c 120	17	1.5	20	1	US-09-961-949A-55	Sequence 55, Appl	193	16.2	1.5	18	1	US-10-103-614A-4	Sequence 4, Appl
c 121	17	1.5	20	1	US-09-760-500A-55	Sequence 55, Appl	194	16.2	1.5	23	1	US-09-905-674-10	Sequence 10, Appl
c 122	17	1.5	20	1	US-09-967-409A-55	Sequence 55, Appl	c 195	16	1.5	16	1	US-09-739-928-2	Sequence 2, Appl
c 123	17	1.5	20	1	US-09-975-062A-55	Sequence 55, Appl	196	16	1.5	16	1	US-09-152-059-70	Sequence 70, Appl
c 124	17	1.5	20	1	US-09-976-378A-55	Sequence 55, Appl	c 197	16	1.5	16	1	US-09-805-296D-9	Sequence 9, Appl
c 125	17	1.5	20	1	US-09-976-577-55	Sequence 55, Appl	198	16	1.5	16	1	US-09-843-676-131	Sequence 131, App
c 126	17	1.5	20	1	US-09-771-554-5	Sequence 55, Appl	199	16	1.5	16	1	US-09-766-253-131	Sequence 131, App
c 127	17	1.5	20	1	US-09-966-112-55	Sequence 55, Appl	200	16	1.5	16	1	US-09-438-486-131	Sequence 131, App
c 128	17	1.5	20	1	US-09-927-777A-55	Sequence 55, Appl	c 201	16	1.5	16	1	US-10-008-029-70	Sequence 70, Appl
c 129	17	1.5	20	1	US-09-927-777A-70	Sequence 70, Appl	c 202	16	1.5	16	1	US-10-051-436-9	Sequence 9, Appl
c 130	17	1.5	20	1	US-09-966-491A-55	Sequence 55, Appl	c 203	16	1.5	16	1	US-10-208-650-70	Sequence 70, Appl
c 131	17	1.5	20	1	US-09-976-971A-55	Sequence 55, Appl	c 204	16	1.5	16	1	US-10-203-780-9	Sequence 9, Appl
c 132	17	1.5	20	1	US-09-880-505-83	Sequence 83, Appl	205	16	1.5	16	1	US-10-208-357-22	Sequence 22, Appl
c 133	17	1.5	20	1	US-09-820-379B-55	Sequence 55, Appl	206	16	1.5	16	1	US-10-053-758-131	Sequence 131, App
c 134	17	1.5	20	1	US-09-888-326-2	Sequence 2, Appl	207	16	1.5	16	1	US-10-054-295-131	Sequence 131, App
c 135	17	1.5	20	1	US-09-888-326-838	Sequence 838, Appl	c 208	16	1.5	16	1	US-10-054-611-131	Sequence 131, App
c 136	17	1.5	20	1	US-09-888-326-839	Sequence 839, Appl	c 209	16	1.5	16	1	US-10-072-975-9	Sequence 9, Appl
c 137	17	1.5	20	1	US-09-881-344-55	Sequence 55, Appl	c 210	16	1.5	16	1	US-10-227-001-21	Sequence 21, Appl
c 138	17	1.5	20	1	US-09-957-318A-55	Sequence 55, Appl	c 211	16	1.5	17	1	US-09-090-672B-105	Sequence 105, App
c 139	17	1.5	20	1	US-09-974-500A-55	Sequence 55, Appl	c 212	16	1.5	17	1	US-10-333-461-24	Sequence 24, App
c 140	17	1.5	20	1	US-09-975-376A-55	Sequence 55, Appl	c 213	16	1.5	17	1	US-10-309-152A-3	Sequence 3, Appl
c 141	17	1.5	20	1	US-09-957-313A-55	Sequence 55, Appl	c 214	16	1.5	17	1	US-10-352-253A-24	Sequence 24, Appl
c 142	17	1.5	20	1	US-09-312-014-16	Sequence 16, Appl	c 215	16	1.5	17	1	US-10-220-373-7	Sequence 7, Appl
c 143	17	1.5	20	1	US-09-937-672-40	Sequence 40, Appl	c 216	16	1.5	17	1	US-09-730-559B-107	Sequence 107, App
c 144	17	1.5	20	1	US-09-976-863A-55	Sequence 55, Appl	c 217	16	1.5	17	1	US-10-352-255A-24	Sequence 24, App
c 145	17	1.5	20	1	US-09-881-535-2	Sequence 2, Appl	c 218	16	1.5	17	1	US-10-156-306-523	Sequence 523, App
c 146	17	1.5	20	1	US-09-776-479-226	Sequence 226, App	c 219	16	1.5	17	1	US-10-156-306-524	Sequence 524, App
c 147	17	1.5	20	1	US-09-776-479-556	Sequence 556, App	c 220	16	1.5	18	1	US-09-994-311-5	Sequence 5, Appl
c 148	17	1.5	20	1	US-09-776-479-560	Sequence 560, App	c 221	16	1.5	18	1	US-09-994-311-6	Sequence 6, Appl
c 149	17	1.5	20	1	US-09-976-601A-55	Sequence 55, Appl	c 222	16	1.5	18	1	US-10-333-461-18	Sequence 18, Appl
c 150	17	1.5	20	1	US-09-975-059A-55	Sequence 55, Appl	c 223	16	1.5	18	1	US-10-352-253A-18	Sequence 18, Appl
c 151	17	1.5	20	1	US-10-278-047-1	Sequence 1, Appl	c 224	16	1.5	18	1	US-10-352-255A-18	Sequence 18, Appl
c 152	17	1.5	20	1	US-09-976-968A-55	Sequence 16, Appl	c 225	15.8	1.4	22	1	US-09-784-423-144	Sequence 144, App
c 153	17	1.5	20	1	US-10-410-324-55	Sequence 55, Appl	226	15.8	1.4	22	1	US-09-998-936-1	Sequence 1, Appl
c 154	17	1.5	20	1	US-10-266-983-55	Sequence 55, Appl	227	15.8	1.4	22	1	US-09-973-788A-43	Sequence 43, Appl
c 155	17	1.5	20	1	US-10-266-983-70	Sequence 70, Appl	228	15.8	1.4	22	1	US-09-973-788A-46	Sequence 46, Appl
c 156	17	1.5	20	1	US-10-266-983-70	Sequence 70, Appl	229	15.8	1.4	22	1	US-09-973-638A-43	Sequence 43, Appl
c 157	17	1.5	20	1	US-10-208-357-26	Sequence 26, Appl	230	15.8	1.4	22	1	US-09-973-638A-46	Sequence 46, Appl
c 158	17	1.5	20	1	US-10-051-643-83	Sequence 83, Appl	231	15.8	1.4	22	1	US-09-974-007-43	Sequence 43, Appl
c 159	17	1.5	20	1	US-10-176-055-11	Sequence 11, Appl	232	15.8	1.4	22	1	US-09-974-007-46	Sequence 46, Appl
c 160	17	1.5	20	1	US-10-117-267-1	Sequence 1, Appl	233	15.8	1.4	22	1	US-09-976-617A-43	Sequence 43, Appl
c 161	17	1.5	20	1	US-10-112-653-218	Sequence 218, App	234	15.8	1.4	22	1	US-09-976-617A-46	Sequence 46, Appl
c 162	17	1.5	20	1	US-10-112-653-533	Sequence 533, App	235	15.8	1.4	22	1	US-09-961-949A-43	Sequence 43, Appl
c 163	17	1.5	20	1	US-10-112-653-537	Sequence 537, App	236	15.8	1.4	22	1	US-09-961-949A-46	Sequence 46, Appl
c 164	17	1.5	20	1	US-10-077-383-5	Sequence 5, Appl	237	15.8	1.4	22	1	US-09-760-500A-43	Sequence 43, Appl
c 165	17	1.5	20	1	US-10-077-383-6	Sequence 6, Appl	238	15.8	1.4	22	1	US-09-760-500A-46	Sequence 46, Appl
c 166	17	1.5	20	1	US-10-017-995-226	Sequence 226, App	239	15.8	1.4	22	1	US-09-967-409A-43	Sequence 43, Appl
c 167	17	1.5	20	1	US-10-017-995-556	Sequence 556, App	240	15.8	1.4	22	1	US-09-967-409A-46	Sequence 46, Appl
c 168	17	1.5	20	1	US-10-017-995-560	Sequence 560, App	241	15.8	1.4	22	1	US-09-975-062A-43	Sequence 43, Appl
c 169	17	1.5	20	1	US-10-194-138-32	Sequence 32, Appl	242	15.8	1.4	22	1	US-09-975-062A-46	Sequence 46, Appl
c 170	17	1.5	20	1	US-10-008-978-55	Sequence 55, Appl	243	15.8	1.4	22	1	US-09-976-378A-43	Sequence 43, Appl
c 171	17	1.5	20	1	US-10-008-978-70	Sequence 70, Appl	244	15.8	1.4	22	1	US-09-976-378A-46	Sequence 46, Appl
c 172	17	1.5	20	1	US-10-188-404-66	Sequence 66, Appl	245	15.8	1.4	22	1	US-09-976-577-43	Sequence 43, Appl
c 173	17	1.5	20	1	US-10-234-764-10	Sequence 10, Appl	246	15.8	1.4	22	1	US-09-976-577-46	Sequence 46, Appl
c 174	17	1.5	20	1	US-10-255-434-14	Sequence 14, Appl	247	15.8	1.4	22	1	US-09-966-312-43	Sequence 43, Appl
c 175	17	1.5	20	1	US-10-255-434-26	Sequence 26, Appl	248	15.8	1.4	22	1	US-09-966-312-46	Sequence 46, Appl
c 176	17	1.5	21	1	US-09-888-326-840	Sequence 840, App	249	15.8	1.4	22	1	US-09-927-777A-43	Sequence 43, Appl
c 177	17	1.5	21	1	US-09-912-014-2	Sequence 2, Appl	250	15.8	1.4	22	1	US-09-927-777A-46	Sequence 46, Appl
c 178	17	1.5	21	1	US-09-997-672-41	Sequence 41, Appl	251	15.8	1.4	22	1	US-09-927-777A-73	Sequence 73, Appl
c 179	17	1.5	21	1	US-09-776-479-512	Sequence 912, App	252	15.8	1.4	22	1	US-09-966-491A-43	Sequence 43, Appl



```

; PRIOR APPLICATION NUMBER: 10/076,802
; PRIOR FILING DATE: 2002-02-13
; NUMBER OF SEQ ID NOS: 113
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer HH
US-10-367-169-37

Query Match 1.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 997 GTCGTGAGGCTGGAGAA 1012
Db 16 GTCGTGAGGCTTGAGAA 1

RESULT 453
US-10-277-216-181/c
; Sequence 181, Application US/10277216
; Publication No. US20040002470A1
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
; FILE REFERENCE: 2976-4051
; CURRENT APPLICATION NUMBER: US/10/277,216
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 10/136,022
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 03/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 03/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 181
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-277-216-181

Query Match 1.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 821 TGTGGTGCTGAAGCT 836
Db 18 TGTGGTGCTGAAGCT 3

RESULT 454
US-10-024-369-86
; Sequence 86, Application US/10024369
; Publication No. US20030134809A1
; GENERAL INFORMATION:
; APPLICANT: Alexander H. Borchers
; APPLICANT: Donna T. Ward
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF ABC TRANSPORTER MHC 1 EXPRESSION
; FILE REFERENCE: RTS-0353
; CURRENT APPLICATION NUMBER: US/10/024,369
; CURRENT FILING DATE: 2001-12-17
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA

```

```
Db      16  ATGGGAAGCTCTGAG 1
;
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-139-086-3

Query Match      1.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      997  GTCTGAGGCTGGAGAA 1012
DB      16  GTCTGAGGCTTGAGAA 1

RESULT 459
US-10-225-082-3/c
; Sequence 3, Application US/10225082
; Publication No. US20030119064A1
; GENERAL INFORMATION:
; APPLICANT: VALKIRS, GUNARS B.
; APPLICANT: DAHLEN, JEFFREY R.
; APPLICANT: KIRCHICK, HOWARD J.
; APPLICANT: BUECHLER, KENNETH F.
; TITLE OF INVENTION: DIAGNOSTIC MARKERS OF STROKE AND CEREBRAL INJURY AND
; FILE OF INVENTION: METHODS OF USE THEREOF
; FILE REFERENCE: 071949/5404
; CURRENT APPLICATION NUMBER: US/10/225,082
; CURRENT FILING DATE: 2002-08-20
; PRIOR APPLICATION NUMBER: 60/346,485
; PRIOR FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: 60/334,964
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: 60/313,775
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-225-082-3

Query Match      1.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      997  GTCTGAGGCTGGAGAA 1012
DB      16  GTCTGAGGCTTGAGAA 1

RESULT 460
US-10-007-010-32/c
; Sequence 32, Application US/10007010
; Publication No. US20030125275A1
; GENERAL INFORMATION:
; APPLICANT: Alexander H. Borchers
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HCK EXPRESSION
; FILE REFERENCE: RTS-0345
; CURRENT APPLICATION NUMBER: US/10/007,010
; CURRENT FILING DATE: 2001-12-04
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 32
; LENGTH: 20

Db      16  ATGGGAAGCTCTGAG 1
;
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-139-086-3

Query Match      1.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      997  GTCTGAGGCTGGAGAA 1012
DB      16  GTCTGAGGCTTGAGAA 1

RESULT 457
US-10-188-404-49/c
; Sequence 49, Application US/10188404
; Publication No. US20030105286A1
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Neilsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dueholm, Kim L.
; APPLICANT: Christensen, Leif
; APPLICANT: Coull, James M.
; APPLICANT: Kieley, John
; APPLICANT: Griffith, Michael
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISIS042
; CURRENT APPLICATION NUMBER: US/10/188,404
; CURRENT FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: 08/275,951
; PRIOR FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/765,798
; PRIOR FILING DATE: 1997-04-23
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (10)..(11)
; OTHER INFORMATION: Ethylene Glycol, Ethylene Glycol,
; OTHER INFORMATION: Ethylene Glycol Linkage
; NAME/KEY: misc_feature
; LOCATION: (13)..(13)
; OTHER INFORMATION: N is Pseudoisocytosine
; NAME/KEY: misc_feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: N is Pseudoisocytosine
US-10-188-404-49

Query Match      1.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1084  AAAAAAAAAAAAAAAAAA 1100
DB      19  AAAAAAAAAAGAAAAA 3

RESULT 458
US-10-139-086-3/c
; Sequence 3, Application US/10139086
; Publication No. US20030109420A1
; GENERAL INFORMATION:
; APPLICANT: VALKIRS, GUNARS
; APPLICANT: DAHLEN, JEFFREY
; APPLICANT: BUECHLER, KENNETH F.
; APPLICANT: KIRCHICK, HOWARD
; TITLE OF INVENTION: DIAGNOSTIC MARKERS OF ACUTE CORONARY SYNDROMES AND
; FILE OF INVENTION: METHODS OF USE THEREOF
; FILE REFERENCE: 071949-6502
; CURRENT APPLICATION NUMBER: US/10/139,086
; CURRENT FILING DATE: 2002-05-04
; PRIOR APPLICATION NUMBER: 60/288,871
; PRIOR FILING DATE: 2001-05-04
; PRIOR APPLICATION NUMBER: 60/315,642
```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-010-32

Query Match      1.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      297 GTGGGGCCCTGCTG 312
Db      18 GTGGGTGCTGCTGCTG 3

RESULT 461
US-10-314-321A-52/c
; Sequence 52, Application US/10314321A
; Publication No. US20030190649A1
; GENERAL INFORMATION:
; APPLICANT: Hitachi, Ltd.
; TITLE OF INVENTION: Gene Predicting Method
; FILE REFERENCE: 310101185US1
; CURRENT APPLICATION NUMBER: US/10/314,321A
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: JP 2002-103333
; PRIOR FILING DATE: 2002-04-05
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 52
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: partial sequence of AL365356
US-10-314-321A-52

Query Match      1.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      825 GGTGCTGAAGCTGGTACCA 843
Db      19 GGTGCTGAAGTTGGCATCA 1

RESULT 462
US-10-153-219-24/c
; Sequence 24, Application US/10153219
; Publication No. US20030096349A1
; GENERAL INFORMATION:
; APPLICANT: KAZMIERCZAK, KRYSZYNA M.
; APPLICANT: DAYDOVA K.
; APPLICANT: ROTHMAN-DENES LUCIA B.
; TITLE OF INVENTION: NA VIRION SINGLE STRANDED DNA DEPENDENT RNA POLYMERASE
; FILE REFERENCE: ARCD:375US
; CURRENT APPLICATION NUMBER: US/10/153,219
; CURRENT FILING DATE: 2002-05-22
; PRIOR APPLICATION NUMBER: 60/292,845
; PRIOR FILING DATE: 2001-05-22
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-10-153-219-24

Query Match      1.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-10-153-219-24

Query Match      1.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      326 AGAGCTGTGGAGCACTT 344
Db      19 AAAAGCTGGGAGCAGCTT 1

RESULT 463
US-09-752-983-12/c
; Sequence 12, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-12

Query Match      1.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      465 GAGCTCCAGGAACCTGGCA 483
Db      20 GATCTACAGGAACCTGGTA 2

RESULT 464
US-09-752-983-250
; Sequence 250, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata

```

STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/752,983  
FILING DATE: 02-Jan-2001  
CLASSIFICATION:  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: 09/280,805  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 250:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-752-983-250

Query Match  
Best Local Similarity 1.3%; Score 14.2; DB 1; Length 20;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 991 TTGGAGTCTGAGGCTGGA 1009  
|||||  
Db 2 TTGGGAGGCTGAGGAGGA 20

RESULT 465  
US-09-758-881-26  
Sequence 26, Application US/09758881  
Patent No. US20010029250A1  
GENERAL INFORMATION:  
APPLICANT: Karras, James G  
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3  
FILE REFERENCE: ISPH-0532  
CURRENT APPLICATION NUMBER: US/09/758,881  
CURRENT FILING DATE: 2001-01-11  
PRIOR APPLICATION NUMBER: PCT/US00/09054  
PRIOR FILING DATE: 2000-04-05  
PRIOR APPLICATION NUMBER: 09/288,461  
PRIOR FILING DATE: 1999-04-08  
NUMBER OF SEQ ID NOS: 152  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 26  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-758-881-26

Query Match  
Best Local Similarity 1.3%; Score 14.2; DB 1; Length 20;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 876 TCATTGAGTCTGTCATG 894  
|||||

Db 2 TCCATTCAGATCTTGTCATG 20

RESULT 466  
US-09-851-771A-12/c  
Sequence 12, Application US/09851771A  
Patent No. US2002015151A1  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF HUMAN MDM2 EXPRESSION  
NUMBER OF SEQUENCES: 32  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM 486  
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/851,771A  
FILING DATE: 09-May-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: 1998-03-26  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0302  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-779-2400  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
SEQUENCE DESCRIPTION: SEQ ID NO: 12:  
US-09-851-771A-12

Query Match  
Best Local Similarity 1.3%; Score 14.2; DB 1; Length 20;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 465 GAGTCCAGGAACTTGCA 483  
|||||  
Db 20 GATCTACAGGAACTTGTA 2

RESULT 467  
US-09-824-322B-305  
Sequence 305, Application US/09824322B  
Publication No. US20030022848A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Brenda  
APPLICANT: Bennett, C. Frank  
APPLICANT: Butler, Madeline M.  
APPLICANT: Shanahan, William R.  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-  
FILE REFERENCE: ISPH-0501  
CURRENT APPLICATION NUMBER: US/09/824,322B  
CURRENT FILING DATE: 2001-04-02  
PRIOR APPLICATION NUMBER: US 09/313,932

STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/752,983  
FILING DATE: 02-Jan-2001  
CLASSIFICATION:  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: 09/280,805  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 250:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-752-983-250

Query Match  
Best Local Similarity 1.3%; Score 14.2; DB 1; Length 20;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 991 TTGGAGTCTGAGGCTGGA 1009  
|||||  
Db 2 TTGGGAGGCTGAGGAGGA 20

RESULT 465  
US-09-758-881-26  
Sequence 26, Application US/09758881  
Patent No. US20010029250A1  
GENERAL INFORMATION:  
APPLICANT: Karras, James G  
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3  
FILE REFERENCE: ISPH-0532  
CURRENT APPLICATION NUMBER: US/09/758,881  
CURRENT FILING DATE: 2001-01-11  
PRIOR APPLICATION NUMBER: PCT/US00/09054  
PRIOR FILING DATE: 2000-04-05  
PRIOR APPLICATION NUMBER: 09/288,461  
PRIOR FILING DATE: 1999-04-08  
NUMBER OF SEQ ID NOS: 152  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 26  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-758-881-26

Query Match  
Best Local Similarity 1.3%; Score 14.2; DB 1; Length 20;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 876 TCATTGAGTCTGTCATG 894  
|||||

FILE REFERENCE: FORS-04944  
CURRENT APPLICATION NUMBER: US/09/864,636A  
CURRENT FILING DATE: 2002-10-15  
NUMBER OF SEQ ID NOS: 2640  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1287  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-09-864-636A-1287

Query Match 1.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 743 AGCTTGGTCTCTTAAGGAG 761  
|||||  
DB 2 AGCTTGGCTTGAAGAG 20

RESULT 468  
US-09-952-522B-58/c  
Sequence 58, Application US/09952522B  
Publication No. US20030082152A1  
GENERAL INFORMATION:  
APPLICANT: Katz, Adam J.  
APPLICANT: Liull, Ramon  
APPLICANT: Futrell, J. William  
APPLICANT: Hedrick, Marc H.  
APPLICANT: Benhaïm, Prosper  
APPLICANT: Lorenz, Hermann Peter  
APPLICANT: Zhu, Min  
TITLE OF INVENTION: ADIPOSE-DERIVED STEM CELLS AND LATTICES  
FILE REFERENCE: 30448.77US11  
CURRENT APPLICATION NUMBER: US/09/952,522B  
CURRENT FILING DATE: 2001-09-10  
PRIOR APPLICATION NUMBER: PCT/US00/06232  
PRIOR FILING DATE: 2000-03-10  
PRIOR APPLICATION NUMBER: 60/123,711  
PRIOR FILING DATE: 1999-03-10  
PRIOR APPLICATION NUMBER: 60/162,462  
PRIOR FILING DATE: 1999-10-29  
NUMBER OF SEQ ID NOS: 58  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 58  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Nestin reverse  
US-09-952-522B-58

Query Match 1.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 354 GCAACCTGTCAGAAGAGC 372  
|||||  
DB 20 GACAACCTGGCTGAAGAGC 2

RESULT 469  
US-09-864-636A-1287/c  
Sequence 1287, Application US/09864636A  
Publication No. US20030104378A1  
GENERAL INFORMATION:  
APPLICANT: Third Wave Technologies  
APPLICANT: Allwal, Hatim  
APPLICANT: Bartholomay, Christian  
APPLICANT: Chehak, LuAnne  
TITLE OF INVENTION: Detection of RNA Sequences

FILE REFERENCE: FORS-04944  
CURRENT APPLICATION NUMBER: US/09/864,636A  
CURRENT FILING DATE: 2002-10-15  
NUMBER OF SEQ ID NOS: 2640  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1287  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-09-864-636A-1287

Query Match 1.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 578 GCCTCACGTCCTTACTTC 596  
|||||  
DB 19 GCCTCGCGTCTAATTC 1

RESULT 470  
US-10-323-069A-62/c  
Sequence 62, Application US/10323069A  
Publication No. US20030228328A1  
GENERAL INFORMATION:  
APPLICANT: Hardham, John M.  
APPLICANT: King, Kendall W.  
TITLE OF INVENTION: VACCINE FOR PERIODONTAL DISEASE  
FILE REFERENCE: PC11864A  
CURRENT APPLICATION NUMBER: US/10/323,069A  
CURRENT FILING DATE: 2002-12-18  
NUMBER OF SEQ ID NOS: 137  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 62  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: PFZ212-AP4  
US-10-323-069A-62

Query Match 1.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 4.6e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 108 CTGGTCAAGAAACGGGAG 126  
|||||  
DB 20 CTGGGCAAGAAACTGGACG 2

RESULT 471  
US-10-177-554-51/c  
Sequence 51, Application US/10177554  
Publication No. US20030235911A1  
GENERAL INFORMATION:  
APPLICANT: Kenneth W. Dobie  
APPLICANT: Hong Zhang  
TITLE OF INVENTION: ANTISENSE MODULATION OF PRL-3 EXPRESSION  
FILE REFERENCE: RTS-0370  
CURRENT APPLICATION NUMBER: US/10/177,554  
CURRENT FILING DATE: 2002-06-20  
NUMBER OF SEQ ID NOS: 239  
SEQ ID NO 51  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-177-554-51

Query Match 1.3%; Score 14.2; DB 1; Length 20;

```

Best Local Similarity 84.2%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 872 CAACTCCATTGAGGTCCTG 890
   ||| ||| ||| ||| |||
DB 19 CACCTTCATTGAGGACCTG 1

RESULT 472
US-10-177-554-187
; Sequence 187, Application US/10177554
; Publication No. US20030235911A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF PRL-3 EXPRESSION
; FILE REFERENCE: RTS-0370
; CURRENT APPLICATION NUMBER: US/10/177,554
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 187
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
;
US-10-177-554-187

Query Match 1.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 872 CAACTCCATTGAGGTCCTG 890
   ||| ||| ||| ||| |||
DB 2 CACCTTCATTGAGGACCTG 20

RESULT 473
US-10-020-478-21/c
; Sequence 21, Application US/10020478
; Publication No. US20030144224A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth Robie
; TITLE OF INVENTION: ANTISENSE MODULATION OF B-CELL ASSOCIATED PROTEIN EXPRES
; FILE REFERENCE: RTS-0303
; CURRENT APPLICATION NUMBER: US/10/020,478
; CURRENT FILING DATE: 2001-12-13
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-020-478-21

Query Match 1.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 238 TGGCTCAGCTCTTGAAGGA 256
   ||| ||| ||| ||| |||
DB 19 TGGCCCAAGAACTTGAAGGA 1

RESULT 474
US-10-024-396-43
; Sequence 43, Application US/10024396
; Publication No. US20030147864A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION
; FILE REFERENCE: RTS-0339

```



```

1  NUMBER OF SEQUENCES: 56
2  CORRESPONDENCE ADDRESS:
3  ADDRESSEE: Townsend and Townsend and Crew LLP
4  STREET: Two Embarcadero Center, Eighth Floor
5  CITY: San Francisco
6  STATE: California
7  COUNTRY: USA
8  ZIP: 94111-3834
9  COMPUTER READABLE FORM:
10 MEDIUM TYPE: Floppy disk
11 COMPUTER: IBM PC compatible
12 OPERATING SYSTEM: PC-DOS/MS-DOS
13 SOFTWARE: PatentIn Release #1.0, Version #1.30
14 CURRENT APPLICATION DATA:
15 APPLICATION NUMBER: US/10/226,355
16 FILING DATE: 23-Aug-2002
17 CLASSIFICATION: <unknown>
18 PRIOR APPLICATION DATA:
19 APPLICATION NUMBER: US/08/636,285
20 FILING DATE: 04-APR-1996
21 ATTORNEY/AGENT INFORMATION:
22 NAME: Garrett-Wackowski, Eugenia
23 REGISTRATION NUMBER: 37,330
24 REFERENCE/DOCKET NUMBER: 16528X-017300US
25 TELECOMMUNICATION INFORMATION:
26 TELEPHONE: (415) 576-0200
27 TELEFAX: (415) 576-0300
28 INFORMATION FOR SEQ ID NO: 14:
29 SEQUENCE CHARACTERISTICS:
30 LENGTH: 20 base pairs
31 TYPE: nucleic acid
32 STRANDEDNESS: single
33 TOPOLOGY: linear
34 MOLECULE TYPE: DNA
35 SEQUENCE DESCRIPTION: SEQ ID NO: 14:
36 US-10-226-355-14
37
38 Query Match 1.3%; Score 14.2; DB 1; Length 20;
39 Best Local Similarity 84.2%; Pred. No. 4.6e+02;
40 Matches 16; Conservative 0; Mismatches 3; Indels
41
42 QY 507 TTGGCCAGTTGGCATTTG 525
43 Db 20 TTGACCGTTGGCATCTG 2
44
45 RESULT 483
46 US-10-007-010-14
47 Publication 14, Application US/10007010
48 Publication No. US20030125275A1
49 GENERAL INFORMATION:
50 APPLICANT: Alexander H. Borchers
51 APPLICANT: Kenneth W. Doble
52 TITLE OF INVENTION: ANTISENSE MODULATION OF HCK EXPRESSION
53 FILE REFERENCE: RTS-0345
54 CURRENT APPLICATION NUMBER: US/10/007,010
55 CURRENT FILING DATE: 2001-12-04
56 NUMBER OF SEQ ID NOS: 87
57 SEQ ID NO 14
58 LENGTH: 20
59 TYPE: DNA
60 ORGANISM: Artificial Sequence
61 FEATURE:
62 OTHER INFORMATION: Antisense Oligonucleotide
63 US-10-007-010-14
64
65 Query Match 1.3%; Score 14.2; DB 1; Length 20;
66 Best Local Similarity 84.2%; Pred. No. 4.6e+02;
67 Matches 16; Conservative 0; Mismatches 3; Indels
68
69 QY 561 CAGCAGGAGTCCCTCGCTGC 579
70 Db 1 CAGCCCGATCCTCGCAGC 19

```

## RESULT 484

US-09-152-059-65/c  
; Sequence 65, Application US/09152059  
; Patent No. US20020068708A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 65  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: modified\_base  
; LOCATION: (7)  
; OTHER INFORMATION: LNA monomer  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; OTHER INFORMATION: oligonucleotide  
US-09-152-059-65

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred.No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | |  
DB 14 AAAAAAAAAAAAAA 1

## RESULT 485

US-09-152-059-66/c  
; Sequence 66, Application US/09152059  
; Patent No. US20020068708A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05

; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 66  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: modified\_base  
; LOCATION: (7)..(8)  
; OTHER INFORMATION: LNA monomer  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; OTHER INFORMATION: oligonucleotide  
US-09-152-059-66

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred.No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | |  
DB 14 AAAAAAAAAAAAAA 1

## RESULT 486

US-09-152-059-67/c  
; Sequence 67, Application US/09152059  
; Patent No. US20020068708A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 67  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: modified\_base  
; LOCATION: (6)..(9)  
; OTHER INFORMATION: LNA monomer  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; OTHER INFORMATION: oligonucleotide  
US-09-152-059-67

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred.No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | |  
DB 14 AAAAAAAAAAAAAA 1

Thu Jan 8 16:51:48 2004

```
RESULT 487
US-09-152-059-68/c
; Sequence 68, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 68
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; NAME/KEY: modified_base
; LOCATION: (5)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (11)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-68

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
Db      14 AAAAAAAAAAAAAA 1

RESULT 488
US-09-152-059-80/c
; Sequence 80, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 80
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; NAME/KEY: modified_base
; LOCATION: (5)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (11)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-80

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
Db      14 AAAAAAAAAAAAAA 1

RESULT 489
US-09-152-059-81
; Sequence 81, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 81
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; NAME/KEY: modified_base
; LOCATION: (5)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (11)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-81

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
Db      1 AAAAAAAAAAAAAA 14
```

```
RESULT 487
US-09-152-059-68/c
; Sequence 68, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 80
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; NAME/KEY: modified_base
; LOCATION: (5)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (11)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-68

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
Db      14 AAAAAAAAAAAAAA 1

RESULT 488
US-09-152-059-80/c
; Sequence 80, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 80
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; NAME/KEY: modified_base
; LOCATION: (5)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (11)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-80

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
Db      1 AAAAAAAAAAAAAA 14
```

```

; SEQ ID NO 83
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-83

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 492
US-09-152-059-84
; Sequence 84, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 84
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-84

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 493
US-09-152-059-85
; Sequence 85, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL

```

```

US-09-152-059-82
; Sequence 82, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 82
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-82

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 491
US-09-152-059-83/c
; Sequence 83, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1

```

```

; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 85
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-85

Query Match      1.3%; Score 14; DB 1; length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 494
US-09-152-059-86/c
; Sequence 86, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 86
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)...(8)
; OTHER INFORMATION: LNA monomer

; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 85
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-86

Query Match      1.3%; Score 14; DB 1; length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 495
US-09-152-059-87
; Sequence 87, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 87
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-87

Query Match      1.3%; Score 14; DB 1; length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 496
US-09-152-059-88
; Sequence 88, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19

```

; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 88  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; APPLICANT: WENGEL, JESPER  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-09-152-059-88

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

RESULT 497  
US-09-152-059-89/c  
; Sequence 89, Application US/09152059  
; Patent No. US20020068708A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 89  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: modified base  
; LOCATION: (6)..(9)  
; OTHER INFORMATION: LNA monomer  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; OTHER INFORMATION: oligonucleotide  
US-09-152-059-89

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 14 AAAAAAAAAAAAAA 1  
RESULT 498  
US-09-152-059-90  
; Sequence 90, Application US/09152059  
; Patent No. US20020068708A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 90  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-09-152-059-90

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

RESULT 499  
US-09-152-059-91  
; Sequence 91, Application US/09152059  
; Patent No. US20020068708A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05

; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 91
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-152-059-91
Query Match
Best Local Similarity 1.3%; Score 14; DB 1; Length 14;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 500
US-09-152-059-92/c
; Sequence 92, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 92
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-152-059-92
Query Match
Best Local Similarity 1.3%; Score 14; DB 1; Length 14;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

QY 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 501
US-09-152-059-93
; Sequence 93, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 93
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-152-059-93
Query Match
Best Local Similarity 1.3%; Score 14; DB 1; Length 14;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 502
US-09-152-059-94
; Sequence 94, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309

```
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 94
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-94
```

```
Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1084 AAAAAAAAAAAAAA 1097
          |||||
Db       1 AAAAAAAAAAAAAA 14
```

```
RESULT 503
US-09-152-059-96
; Sequence 96, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 96
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-96
```

```
Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1084 AAAAAAAAAAAAAA 1097
          |||||
Db       1 AAAAAAAAAAAAAA 14
```

```
RESULT 504
US-09-152-059-97
; Sequence 97, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
```

```
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 97
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-97
```

```
Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1084 AAAAAAAAAAAAAA 1097
          |||||
Db       1 AAAAAAAAAAAAAA 14
```

```
RESULT 505
US-09-152-059-98/c
; Sequence 98, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 98
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
```

```

; LOCATION: (8)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-98

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 506
US-09-152-059-99
; Sequence 99, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 99
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-99

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 507
US-09-152-059-100
; Sequence 100, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 99
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-99

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 507
US-09-152-059-100
; Sequence 100, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 101
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (7)..(8)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-101

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 100
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-100

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 508
US-09-152-059-101/c
; Sequence 101, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 101
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (7)..(8)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-101

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
    |||||
Db 14 AAAAAAAAAAAAAA 1

```

RESULT 509  
US-09-152-059-102  
; Sequence 102, Application US/09152059  
; Patent No. US20020068708A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES

```

? TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
?
? FILE REFERENCE: 49165 (71994)
?
? CURRENT APPLICATION NUMBER: US/09/152.059
?
? CURRENT FILING DATE: 1998-09-11
?
? PRIOR APPLICATION NUMBER: 60/058,541
?
? PRIOR FILING DATE: 1997-09-12
?
? PRIOR APPLICATION NUMBER: 60/068,293
?
? PRIOR FILING DATE: 1997-12-19
?
? PRIOR APPLICATION NUMBER: 60/071,682
?
? PRIOR FILING DATE: 1998-01-16
?
? PRIOR APPLICATION NUMBER: 60/076,591
?
? PRIOR FILING DATE: 1998-03-03
?
? PRIOR APPLICATION NUMBER: 60/083,507
?
? PRIOR FILING DATE: 1998-04-29
?
? PRIOR APPLICATION NUMBER: 60/088,309
?
? PRIOR FILING DATE: 1998-06-05
?
? PRIOR APPLICATION NUMBER: 60/094,355
?
? PRIOR FILING DATE: 1998-07-28
?
? NUMBER OF SEQ ID NOS: 146
?
? SOFTWARE: PatentIn Ver. 2.1
?
? SEQ ID NO 102
?
? LENGTH: 14
?

```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-102

```

Query Match	1.3%;	Score 14;	DB 1;	Length 14;
Best Local Similarity	100.0%;	Pred. No. 3.5e+02;		
Matches 14;	Conservative	0;	Mismatches 0;	Indels 0;
Gaps	0;			

QY	1084	AAAAAAAAAAAAAA	1097
D'b	1	AAAAAAAAAAAAAA	14

RESULT 510  
US-09-152-059-103  
; Sequence 103, Application US/09152059  
; Patent No. US20020068708A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71/994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29

```

; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 103
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-103

```

```

Query Match      1.38; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels

Qy      1084 AAAAAAAAAAAAAA 1097
Db      1 AAAAAAAAAAAAAA 14

```

```

RESULT 511
US-09-152-059-104/c
; Sequence 104, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POU
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn ver. 2.1
; SEQ ID NO 104
; LENGTH: 14

```

```

1 TYPE: DNA
2 ORGANISM: Artificial Sequence
3
4 FEATURE:
5     NAME/KEY: modified_base
6     LOCATION: (7)
7     OTHER INFORMATION: LNA monomer
8     NAME/KEY: modified_base
9     LOCATION: (9)
10    OTHER INFORMATION: LNA monomer
11    OTHER INFORMATION: Description of Artificial Sequence: LNA modified
12    OTHER INFORMATION: oligonucleotide
13 US-09-152-059-104

```

Query Match	1.3%;	Score 14;	DB 1;	Length 14;
Best Local Similarity	100.0%;	Pred.No. 3.Se+02;		
Matches 14; Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0;
CY	1084	AAAAAAAAAAAAAA	1097	
Dd	14	AAAAAAAAAAAAAA	1	

```
RESULT 512
US-09-152-059-105
; Sequence 105, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 105
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-105

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 513
US-09-152-059-106
; Sequence 106, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 106
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (6)..(9)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-106

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 515
US-09-152-059-108
; Sequence 108, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
```

```
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 106
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-106

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 514
US-09-152-059-107/c
; Sequence 107, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 107
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (6)..(9)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-107

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 515
US-09-152-059-108
; Sequence 108, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
```

RESULT 518  
US-09-152-059-111  
; Sequence 111, Application US/09:152059  
; Patent No. US20020068708A1  
; GENERAL INFORMATION:

```
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1997-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 111
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-111

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
DB 1 AAAAAAAAAAAAAA 14

RESULT 519
US-09-152-059-112
; Sequence 112, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 112
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-111

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
DB 1 AAAAAAAAAAAAAA 14

RESULT 520
US-09-152-059-113/c
; Sequence 113, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 113
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (1) (13)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-113

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
DB 14 AAAAAAAAAAAAAA 1

RESULT 521
US-09-152-059-114
; Sequence 114, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
```

;; PRIOR APPLICATION NUMBER: 60/068,293  
;; PRIOR FILING DATE: 1997-12-19  
;; PRIOR APPLICATION NUMBER: 60/071,682  
;; PRIOR FILING DATE: 1998-01-16  
;; PRIOR APPLICATION NUMBER: 60/076,591  
;; PRIOR FILING DATE: 1998-03-03  
;; PRIOR APPLICATION NUMBER: 60/083,507  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/088,309  
;; PRIOR FILING DATE: 1998-06-05  
;; PRIOR APPLICATION NUMBER: 60/094,355  
;; PRIOR FILING DATE: 1998-07-28  
;; NUMBER OF SEQ ID NOS: 146  
;; SOFTWARE: PatentIn Ver. 2.1  
;; SEQ ID NO 114  
;; LENGTH: 14  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
;; OTHER INFORMATION: Oligonucleotide  
US-09-152-059-114

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

RESULT 522  
US-09-152-059-115  
;; Sequence 115, Application US/09152059  
;; Patent No. US20020068708A1  
;; GENERAL INFORMATION:  
;; APPLICANT: WENGEL, JESPER  
;; APPLICANT: NIELSEN, POUL  
;; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
;; FILE REFERENCE: 49165 (71994)  
;; CURRENT APPLICATION NUMBER: US/09/152,059  
;; CURRENT FILING DATE: 1998-09-11  
;; PRIOR APPLICATION NUMBER: 60/058,541  
;; PRIOR FILING DATE: 1997-09-12  
;; PRIOR APPLICATION NUMBER: 60/068,293  
;; PRIOR FILING DATE: 1997-12-19  
;; PRIOR APPLICATION NUMBER: 60/071,682  
;; PRIOR FILING DATE: 1998-01-16  
;; PRIOR APPLICATION NUMBER: 60/076,591  
;; PRIOR FILING DATE: 1998-03-03  
;; PRIOR APPLICATION NUMBER: 60/083,507  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/088,309  
;; PRIOR FILING DATE: 1998-06-05  
;; PRIOR APPLICATION NUMBER: 60/094,355  
;; PRIOR FILING DATE: 1998-07-28  
;; NUMBER OF SEQ ID NOS: 146  
;; SOFTWARE: PatentIn Ver. 2.1  
;; SEQ ID NO 115  
;; LENGTH: 14  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
;; OTHER INFORMATION: Oligonucleotide  
US-09-152-059-115

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097

Db 1 AAAAAAAAAAAAAA 14

RESULT 523  
US-09-152-059-117/c  
;; Sequence 117, Application US/09152059  
;; Patent No. US20020068708A1  
;; GENERAL INFORMATION:  
;; APPLICANT: WENGEL, JESPER  
;; APPLICANT: NIELSEN, POUL  
;; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
;; FILE REFERENCE: 49165 (71994)  
;; CURRENT APPLICATION NUMBER: US/09/152,059  
;; CURRENT FILING DATE: 1998-09-11  
;; PRIOR APPLICATION NUMBER: 60/058,541  
;; PRIOR FILING DATE: 1997-09-12  
;; PRIOR APPLICATION NUMBER: 60/068,293  
;; PRIOR FILING DATE: 1997-12-19  
;; PRIOR APPLICATION NUMBER: 60/071,682  
;; PRIOR FILING DATE: 1998-01-16  
;; PRIOR APPLICATION NUMBER: 60/076,591  
;; PRIOR FILING DATE: 1998-03-03  
;; PRIOR APPLICATION NUMBER: 60/083,507  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/088,309  
;; PRIOR FILING DATE: 1998-06-05  
;; PRIOR APPLICATION NUMBER: 60/094,355  
;; PRIOR FILING DATE: 1998-07-28  
;; NUMBER OF SEQ ID NOS: 146  
;; SOFTWARE: PatentIn Ver. 2.1  
;; SEQ ID NO 117  
;; LENGTH: 14  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; NAME/KEY: modified base  
;; LOCATION: (8)  
;; OTHER INFORMATION: LNA monomer  
;; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
;; OTHER INFORMATION: oligonucleotide  
US-09-152-059-117

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

RESULT 524  
US-09-152-059-118  
;; Sequence 118, Application US/09152059  
;; Patent No. US20020068708A1  
;; GENERAL INFORMATION:  
;; APPLICANT: WENGEL, JESPER  
;; APPLICANT: NIELSEN, POUL  
;; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
;; FILE REFERENCE: 49165 (71994)  
;; CURRENT APPLICATION NUMBER: US/09/152,059  
;; CURRENT FILING DATE: 1998-09-11  
;; PRIOR APPLICATION NUMBER: 60/058,541  
;; PRIOR FILING DATE: 1997-09-12  
;; PRIOR APPLICATION NUMBER: 60/068,293  
;; PRIOR FILING DATE: 1997-12-19  
;; PRIOR APPLICATION NUMBER: 60/071,682  
;; PRIOR FILING DATE: 1998-01-16  
;; PRIOR APPLICATION NUMBER: 60/076,591  
;; PRIOR FILING DATE: 1998-03-03  
;; PRIOR APPLICATION NUMBER: 60/083,507  
;; PRIOR FILING DATE: 1998-04-29

```

; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 118
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide
US-09-152-059-118

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 525
US-09-152-059-119
; Sequence 119, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 119
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-119

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 526
US-09-152-059-120/c
; Sequence 120, Application US/09152059
; Patent No. US20020068708A1

```

```

; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 120
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (7)..(8)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-120

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 527
US-09-152-059-121
; Sequence 121, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 121
; LENGTH: 14

```

```
;
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-121

Query Match
Best Local Similarity 1.3%; Score 14; DB 1; Length 14;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
    |||||
Db 1 AAAAAAAAAAAAAA 14

RESULT 528
US-09-152-059-122
; Sequence 122, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 122
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-122

Query Match
Best Local Similarity 1.3%; Score 14; DB 1; Length 14;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
    |||||
Db 1 AAAAAAAAAAAAAA 14

RESULT 529
US-09-152-059-123/c
; Sequence 123, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
```

```
;
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-123

Query Match
Best Local Similarity 1.3%; Score 14; DB 1; Length 14;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
    |||||
Db 1 AAAAAAAAAAAAAA 14

RESULT 530
US-09-152-059-124
; Sequence 124, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 124
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
```

```
US-09-152-059-124
Query Match
Best Local Similarity 1.3%; Score 14; DB 1; Length 14;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 531
US-09-152-059-125
; Sequence 125, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENDEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 125
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (6)..(9)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-126
Query Match
Best Local Similarity 1.3%; Score 14; DB 1; Length 14;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 533
US-09-152-059-127
; Sequence 127, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENDEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 127
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-127
Query Match
Best Local Similarity 1.3%; Score 14; DB 1; Length 14;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1
```

Db 1 AAAAAAAAAAAAAA 14

RESULT 534

US-09-152-059-128

; Sequence 128, Application US/09152059

; Patent No. US20020068708A1

; GENERAL INFORMATION:

; APPLICANT: WENGEL, JESPER

; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES

; FILE REFERENCE: 49165 (71994)

; CURRENT APPLICATION NUMBER: US/09/152,059

; CURRENT FILING DATE: 1998-09-11

; PRIOR APPLICATION NUMBER: 60/058,541

; PRIOR FILING DATE: 1997-09-12

; PRIOR APPLICATION NUMBER: 60/068,293

; PRIOR FILING DATE: 1997-12-19

; PRIOR APPLICATION NUMBER: 60/071,682

; PRIOR FILING DATE: 1998-01-16

; PRIOR APPLICATION NUMBER: 60/076,591

; PRIOR FILING DATE: 1998-03-03

; PRIOR APPLICATION NUMBER: 60/083,507

; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: 60/088,309

; PRIOR FILING DATE: 1998-06-05

; PRIOR APPLICATION NUMBER: 60/094,355

; PRIOR FILING DATE: 1998-07-28

; NUMBER OF SEQ ID NOS: 146

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 128

; LENGTH: 14

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

US-09-152-059-128

Query Match 1.3%; Score 14; DB 1; Length 14;

Best Local Similarity 100.0%; Pred.No. 3.Se+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097

Db 1 AAAAAAAAAAAAAA 14

RESULT 535

US-09-152-059-129/c

; Sequence 129, Application US/09152059

; Patent No. US20020068708A1

; GENERAL INFORMATION:

; APPLICANT: WENGEL, JESPER

; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES

; FILE REFERENCE: 49165 (71994)

; CURRENT APPLICATION NUMBER: US/09/152,059

; CURRENT FILING DATE: 1998-09-11

; PRIOR APPLICATION NUMBER: 60/058,541

; PRIOR FILING DATE: 1997-09-12

; PRIOR APPLICATION NUMBER: 60/068,293

; PRIOR FILING DATE: 1997-12-19

; PRIOR APPLICATION NUMBER: 60/071,682

; PRIOR FILING DATE: 1998-01-16

; PRIOR APPLICATION NUMBER: 60/076,591

; PRIOR FILING DATE: 1998-03-03

; PRIOR APPLICATION NUMBER: 60/083,507

; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: 60/088,309

; PRIOR FILING DATE: 1998-06-05

; PRIOR APPLICATION NUMBER: 60/094,355

; PRIOR FILING DATE: 1998-07-28

; NUMBER OF SEQ ID NOS: 146

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 129

; LENGTH: 14

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

US-09-152-059-129

Query Match 1.3%; Score 14; DB 1; Length 14;

Best Local Similarity 100.0%; Pred.No. 3.Se+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097

Db 1 AAAAAAAAAAAAAA 14

RESULT 537

US-09-152-059-131

; Sequence 131, Application US/09152059

; Patent No. US20020068708A1

; GENERAL INFORMATION:

US-09-152-059-130

Query Match 1.3%; Score 14; DB 1; Length 14;

Best Local Similarity 100.0%; Pred.No. 3.Se+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097

Db 1 AAAAAAAAAAAAAA 14

RESULT 537

US-09-152-059-131

; Sequence 131, Application US/09152059

; Patent No. US20020068708A1

; GENERAL INFORMATION:

APPLICANT: WENGEL, JESPER  
APPLICANT: NIELSEN, POUL  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
FILE REFERENCE: 49165 (71994)  
CURRENT APPLICATION NUMBER: US/09/152,059  
CURRENT FILING DATE: 1998-09-11  
PRIOR APPLICATION NUMBER: 60/058,541  
PRIOR FILING DATE: 1997-09-12  
PRIOR APPLICATION NUMBER: 60/068,293  
PRIOR FILING DATE: 1997-12-19  
PRIOR APPLICATION NUMBER: 60/071,682  
PRIOR FILING DATE: 1998-01-16  
PRIOR APPLICATION NUMBER: 60/076,591  
PRIOR FILING DATE: 1998-03-03  
PRIOR APPLICATION NUMBER: 60/083,507  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/088,309  
PRIOR FILING DATE: 1998-06-05  
PRIOR APPLICATION NUMBER: 60/094,355  
PRIOR FILING DATE: 1998-07-28  
NUMBER OF SEQ ID NOS: 146  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 131  
LENGTH: 14  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
OTHER INFORMATION: oligonucleotide  
US-09-152-059-131

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

RESULT 538  
US-09-152-059-132/c  
Sequence 132, Application US/09152059  
Patent No. US20020068708A1  
GENERAL INFORMATION:  
APPLICANT: WENGEL, JESPER  
APPLICANT: NIELSEN, POUL  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
FILE REFERENCE: 49165 (71994)  
CURRENT APPLICATION NUMBER: US/09/152,059  
CURRENT FILING DATE: 1998-09-11  
PRIOR APPLICATION NUMBER: 60/058,541  
PRIOR FILING DATE: 1997-09-12  
PRIOR APPLICATION NUMBER: 60/068,293  
PRIOR FILING DATE: 1997-12-19  
PRIOR APPLICATION NUMBER: 60/071,682  
PRIOR FILING DATE: 1998-01-16  
PRIOR APPLICATION NUMBER: 60/076,591  
PRIOR FILING DATE: 1998-03-03  
PRIOR APPLICATION NUMBER: 60/083,507  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/088,309  
PRIOR FILING DATE: 1998-06-05  
PRIOR APPLICATION NUMBER: 60/094,355  
PRIOR FILING DATE: 1998-07-28  
NUMBER OF SEQ ID NOS: 146  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 132  
LENGTH: 14  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: modified\_base

LOCATION: (7)..(8)  
OTHER INFORMATION: LNA monomer  
OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
OTHER INFORMATION: oligonucleotide  
US-09-152-059-132

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 14 AAAAAAAAAAAAAA 1

RESULT 539  
US-09-152-059-133  
Sequence 133, Application US/09152059  
Patent No. US20020068708A1  
GENERAL INFORMATION:  
APPLICANT: WENGEL, JESPER  
APPLICANT: NIELSEN, POUL  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
FILE REFERENCE: 49165 (71994)  
CURRENT APPLICATION NUMBER: US/09/152,059  
CURRENT FILING DATE: 1998-09-11  
PRIOR APPLICATION NUMBER: 60/058,541  
PRIOR FILING DATE: 1997-09-12  
PRIOR APPLICATION NUMBER: 60/068,293  
PRIOR FILING DATE: 1997-12-19  
PRIOR APPLICATION NUMBER: 60/071,682  
PRIOR FILING DATE: 1998-01-16  
PRIOR APPLICATION NUMBER: 60/076,591  
PRIOR FILING DATE: 1998-03-03  
PRIOR APPLICATION NUMBER: 60/083,507  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/088,309  
PRIOR FILING DATE: 1998-06-05  
PRIOR APPLICATION NUMBER: 60/094,355  
PRIOR FILING DATE: 1998-07-28  
NUMBER OF SEQ ID NOS: 146  
SOFTWARE: PatentIn ver. 2.1  
SEQ ID NO 133  
LENGTH: 14  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
OTHER INFORMATION: oligonucleotide  
US-09-152-059-133

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

RESULT 540  
US-09-152-059-134  
Sequence 134, Application US/09152059  
Patent No. US20020068708A1  
GENERAL INFORMATION:  
APPLICANT: WENGEL, JESPER  
APPLICANT: NIELSEN, POUL  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
FILE REFERENCE: 49165 (71994)  
CURRENT APPLICATION NUMBER: US/09/152,059  
CURRENT FILING DATE: 1998-09-11  
PRIOR APPLICATION NUMBER: 60/058,541  
PRIOR FILING DATE: 1997-09-12

PRIOR APPLICATION NUMBER: 60/068,293  
PRIOR FILING DATE: 1997-12-19  
PRIOR APPLICATION NUMBER: 60/071,682  
PRIOR FILING DATE: 1998-01-16  
PRIOR APPLICATION NUMBER: 60/076,591  
PRIOR FILING DATE: 1998-03-03  
PRIOR APPLICATION NUMBER: 60/083,507  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/088,309  
PRIOR FILING DATE: 1998-06-05  
PRIOR APPLICATION NUMBER: 60/094,355  
PRIOR FILING DATE: 1998-07-28  
NUMBER OF SEQ ID NOS: 146  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 134  
LENGTH: 14

## TYPE: DNA

ORGANISM: Artificial Sequence

## FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

OTHER INFORMATION: oligonucleotide

US-09-152-059-134

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
|||||  
Db 1 AAAAAAAAAAAAAA 14

## RESULT 541

US-09-152-059-135/c  
Sequence 135, Application US/09152059  
Patent No. US20020068708A1  
GENERAL INFORMATION:  
APPLICANT: WENGEL, JESPER

APPLICANT: NIELSEN, POUL

TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES

FILE REFERENCE: 49165 (71994)

CURRENT APPLICATION NUMBER: US/09/152,059

CURRENT FILING DATE: 1998-09-11

PRIOR APPLICATION NUMBER: 60/058,541

PRIOR FILING DATE: 1997-09-12

PRIOR APPLICATION NUMBER: 60/068,293

PRIOR FILING DATE: 1997-12-19

PRIOR APPLICATION NUMBER: 60/071,682

PRIOR FILING DATE: 1998-01-16

PRIOR APPLICATION NUMBER: 60/076,591

PRIOR FILING DATE: 1998-03-03

PRIOR APPLICATION NUMBER: 60/083,507

PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: 60/088,309

PRIOR FILING DATE: 1998-06-05

PRIOR APPLICATION NUMBER: 60/094,355

PRIOR FILING DATE: 1998-07-28

NUMBER OF SEQ ID NOS: 146

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 135

LENGTH: 14

## TYPE: DNA

ORGANISM: Artificial Sequence

## FEATURE:

NAME/KEY: modified\_base

OTHER INFORMATION: LNA monomer

NAME/KEY: modified\_base

LOCATION: (7)

OTHER INFORMATION: LNA monomer

LOCATION: (9)

OTHER INFORMATION: LNA monomer

OTHER INFORMATION: Description of Artificial Sequence: LNA modified

OTHER INFORMATION: oligonucleotide

US-09-152-059-135

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
|||||  
Db 1 AAAAAAAAAAAAAA 14

## RESULT 542

US-09-152-059-136  
Sequence 136, Application US/09152059  
Patent No. US20020068708A1  
GENERAL INFORMATION:

APPLICANT: WENGEL, JESPER

APPLICANT: NIELSEN, POUL

TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES

FILE REFERENCE: 49165 (71994)

CURRENT APPLICATION NUMBER: US/09/152,059

CURRENT FILING DATE: 1998-09-11

PRIOR APPLICATION NUMBER: 60/058,541

PRIOR FILING DATE: 1997-09-12

PRIOR APPLICATION NUMBER: 60/068,293

PRIOR FILING DATE: 1997-12-19

PRIOR APPLICATION NUMBER: 60/071,682

PRIOR FILING DATE: 1998-01-16

PRIOR APPLICATION NUMBER: 60/076,591

PRIOR FILING DATE: 1998-03-03

PRIOR APPLICATION NUMBER: 60/083,507

PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: 60/088,309

PRIOR FILING DATE: 1998-06-05

PRIOR APPLICATION NUMBER: 60/094,355

PRIOR FILING DATE: 1998-07-28

NUMBER OF SEQ ID NOS: 146

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 136

LENGTH: 14

## TYPE: DNA

ORGANISM: Artificial Sequence

## FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

OTHER INFORMATION: oligonucleotide

US-09-152-059-136

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
|||||  
Db 1 AAAAAAAAAAAAAA 14

## RESULT 543

US-09-152-059-137  
Sequence 137, Application US/09152059  
Patent No. US20020068708A1  
GENERAL INFORMATION:

APPLICANT: WENGEL, JESPER

APPLICANT: NIELSEN, POUL

TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES

FILE REFERENCE: 49165 (71994)

CURRENT APPLICATION NUMBER: US/09/152,059

CURRENT FILING DATE: 1998-09-11

PRIOR APPLICATION NUMBER: 60/058,541

PRIOR FILING DATE: 1997-09-12

PRIOR APPLICATION NUMBER: 60/068,293

PRIOR FILING DATE: 1997-12-19

PRIOR APPLICATION NUMBER: 60/071,682

PRIOR FILING DATE: 1998-01-16

PRIOR APPLICATION NUMBER: 60/076,591

```
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 137
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-137

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 544
US-09-152-059-138/c
; Sequence 138, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 138
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-139

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 545
US-09-152-059-139
; Sequence 139, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 139
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-140

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 546
US-09-152-059-140
; Sequence 140, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
```

```
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 140
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-140

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
Db      1 AAAAAAAAAAAAAA 14

RESULT 547
US-09-152-059-141/c
; Sequence 141, Application US/09152059
; Patent No. US20020068706A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 141
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-141

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
Db      1 AAAAAAAAAAAAAA 14

RESULT 548
US-09-152-059-142
; Sequence 142, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 142
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-142

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
Db      1 AAAAAAAAAAAAAA 14

RESULT 549
US-09-152-059-143
; Sequence 143, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
```

; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 143  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-152-059-143

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |  
Db 1 AAAAAAAAAAAAAA 14

RESULT 550  
US-09-152-059-144/c  
; Sequence 144, Application US/09152059  
; Patent No. US20020068708A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 144  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: modified base  
; LOCATION: (1)-(13)  
; OTHER INFORMATION: LNA monomer  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; OTHER INFORMATION: oligonucleotide  
US-09-152-059-144

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |  
Db 14 AAAAAAAAAAAAAA 1

RESULT 551  
US-09-152-059-145  
; Sequence 145, Application US/09152059  
; Patent No. US20020068708A1  
; GENERAL INFORMATION:

; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 145  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-152-059-145

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |  
Db 1 AAAAAAAAAAAAAA 14

RESULT 552  
US-09-152-059-146  
; Sequence 146, Application US/09152059  
; Patent No. US20020068708A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165 (71994)  
; CURRENT APPLICATION NUMBER: US/09/152,059  
; CURRENT FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 146  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

; OTHER INFORMATION: oligonucleotide

US-09-152-059-146

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |  
Db 1 AAAAAAAAAAAAAA 14

RESULT 553

US-10-008-029-65/c  
; Sequence 65, Application US/10008029  
; Publication No. US20030134808A1

; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES

; FILE REFERENCE: 49165-C2(71994)

; CURRENT APPLICATION NUMBER: US/10/008,029

; CURRENT FILING DATE: 2001-11-05

; PRIOR APPLICATION NUMBER: 09/152,059

; PRIOR FILING DATE: 1998-09-11

; PRIOR APPLICATION NUMBER: 60/058,541

; PRIOR FILING DATE: 1997-09-12

; PRIOR APPLICATION NUMBER: 60/068,293

; PRIOR FILING DATE: 1997-12-19

; PRIOR APPLICATION NUMBER: 60/071,682

; PRIOR FILING DATE: 1998-01-16

; PRIOR APPLICATION NUMBER: 60/075,591

; PRIOR FILING DATE: 1998-03-03

; PRIOR APPLICATION NUMBER: 60/083,507

; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: 60/088,309

; PRIOR FILING DATE: 1998-06-05

; PRIOR APPLICATION NUMBER: 60/094,355

; PRIOR FILING DATE: 1998-07-28

; NUMBER OF SEQ ID NOS: 146

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 65

; LENGTH: 14

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: LNA modified

; OTHER INFORMATION: oligonucleotide

; NAME/KEY: modified\_base

; LOCATION: (7)

; OTHER INFORMATION: LNA monomer

US-10-008-029-65

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |  
Db 14 AAAAAAAAAAAAAA 1

RESULT 554

US-10-008-029-66/c

; Sequence 66, Application US/10008029

; Publication No. US20030134808A1

; GENERAL INFORMATION:

; APPLICANT: WENGEL, JESPER

; APPLICANT: NIELSEN, POUL

; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES

; FILE REFERENCE: 49165-C2(71994)

; CURRENT APPLICATION NUMBER: US/10/008,029

; CURRENT FILING DATE: 2001-11-05

; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 66  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; OTHER INFORMATION: oligonucleotide  
; NAME/KEY: modified\_base  
; LOCATION: (7)..(8)  
; OTHER INFORMATION: LNA monomer  
US-10-008-029-66

Query Match 1.3%; Score 14; DB 1; Length 14;

Best Local Similarity 100.0%; Pred. No. 3.5e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097

Db 14 AAAAAAAAAAAAAA 1

RESULT 555

US-10-008-029-67/c

; Sequence 67, Application US/10008029

; Publication No. US20030134808A1

; GENERAL INFORMATION:

; APPLICANT: WENGEL, JESPER

; APPLICANT: NIELSEN, POUL

; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES

; FILE REFERENCE: 49165-C2(71994)

; CURRENT APPLICATION NUMBER: US/10/008,029

; CURRENT FILING DATE: 2001-11-05

; PRIOR APPLICATION NUMBER: 09/152,059

; PRIOR FILING DATE: 1998-09-11

; PRIOR APPLICATION NUMBER: 60/058,541

; PRIOR FILING DATE: 1997-09-12

; PRIOR APPLICATION NUMBER: 60/068,293

; PRIOR FILING DATE: 1997-12-19

; PRIOR APPLICATION NUMBER: 60/071,682

; PRIOR FILING DATE: 1998-01-16

; PRIOR APPLICATION NUMBER: 60/076,591

; PRIOR FILING DATE: 1998-03-03

; PRIOR APPLICATION NUMBER: 60/083,507

; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: 60/088,309

; PRIOR FILING DATE: 1998-06-05

; PRIOR APPLICATION NUMBER: 60/094,355

; PRIOR FILING DATE: 1998-07-28

; NUMBER OF SEQ ID NOS: 146

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 67

; LENGTH: 14

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; OTHER INFORMATION: oligonucleotide  
; NAME/KEY: modified\_base  
; LOCATION: (6)..(9)  
; OTHER INFORMATION: LNA monomer  
US-10-008-029-67

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 14 AAAAAAAAAAAAAA 1

## RESULT 556

US-10-008-029-68/c  
; Sequence 68, Application US/10008029  
; Publication No. US20030134808A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/008,029  
; CURRENT FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 68  
; LENGTH: 14  
; TYPE: DNA

; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; OTHER INFORMATION: oligonucleotide  
; NAME/KEY: modified\_base  
; LOCATION: (5)  
; OTHER INFORMATION: LNA monomer  
; NAME/KEY: modified\_base  
; LOCATION: (7)  
; OTHER INFORMATION: LNA monomer  
; NAME/KEY: modified\_base  
; LOCATION: (9)  
; OTHER INFORMATION: LNA monomer  
; NAME/KEY: modified\_base  
; LOCATION: (11)  
; OTHER INFORMATION: LNA monomer  
US-10-008-029-68

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 14 AAAAAAAAAAAAAA 1

## RESULT 557

US-10-008-029-80/c  
; Sequence 80, Application US/10008029  
; Publication No. US20030134808A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/008,029  
; CURRENT FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 80  
; LENGTH: 14  
; TYPE: DNA

; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-008-029-80

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 14 AAAAAAAAAAAAAA 1

## RESULT 558

US-10-008-029-81  
; Sequence 81, Application US/10008029  
; Publication No. US20030134808A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/008,029  
; CURRENT FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309

; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; OTHER INFORMATION: oligonucleotide  
; NAME/KEY: modified\_base  
; LOCATION: (5)  
; OTHER INFORMATION: LNA monomer  
; NAME/KEY: modified\_base  
; LOCATION: (7)  
; OTHER INFORMATION: LNA monomer  
; NAME/KEY: modified\_base  
; LOCATION: (9)  
; OTHER INFORMATION: LNA monomer  
; NAME/KEY: modified\_base  
; LOCATION: (11)  
; OTHER INFORMATION: LNA monomer  
US-10-008-029-81

```
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/094,355
/ PRIOR FILING DATE: 1998-07-28
/ NUMBER OF SEQ ID NOS: 146
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 81
/ LENGTH: 14
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: oligonucleotide
US-10-008-029-81
```

```
Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14
```

```
RESULT 559
US-10-008-029-82
/ Sequence 82, Application US/10008029
/ Publication No. US20030134808A1
/ GENERAL INFORMATION:
/ APPLICANT: WENGEL, JESPER
/ TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
/ FILE REFERENCE: 49165-C2(71994)
/ CURRENT APPLICATION NUMBER: US/10/008,029
/ CURRENT FILING DATE: 2001-11-05
/ PRIOR APPLICATION NUMBER: 09/152,059
/ PRIOR FILING DATE: 1998-09-11
/ PRIOR APPLICATION NUMBER: 60/058,541
/ PRIOR FILING DATE: 1997-09-12
/ PRIOR APPLICATION NUMBER: 60/068,293
/ PRIOR FILING DATE: 1997-12-19
/ PRIOR APPLICATION NUMBER: 60/071,682
/ PRIOR FILING DATE: 1998-01-16
/ PRIOR APPLICATION NUMBER: 60/076,591
/ PRIOR FILING DATE: 1998-03-03
/ PRIOR APPLICATION NUMBER: 60/083,507
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/088,309
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/094,355
/ NUMBER OF SEQ ID NOS: 146
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 82
/ LENGTH: 14
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: oligonucleotide
US-10-008-029-82
```

```
Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14
```

```
RESULT 560
US-10-008-029-83/c
/ Sequence 83, Application US/10008029
```

```
/ Publication No. US20030134808A1
/ GENERAL INFORMATION:
/ APPLICANT: WENGEL, JESPER
/ TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
/ FILE REFERENCE: 49165-C2(71994)
/ CURRENT APPLICATION NUMBER: US/10/008,029
/ CURRENT FILING DATE: 2001-11-05
/ PRIOR APPLICATION NUMBER: 09/152,059
/ PRIOR FILING DATE: 1998-09-11
/ PRIOR APPLICATION NUMBER: 60/058,541
/ PRIOR FILING DATE: 1997-09-12
/ PRIOR APPLICATION NUMBER: 60/068,293
/ PRIOR FILING DATE: 1997-12-19
/ PRIOR APPLICATION NUMBER: 60/071,682
/ PRIOR FILING DATE: 1998-01-16
/ PRIOR APPLICATION NUMBER: 60/076,591
/ PRIOR FILING DATE: 1998-03-03
/ PRIOR APPLICATION NUMBER: 60/083,507
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/088,309
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/094,355
/ PRIOR FILING DATE: 1998-07-28
/ NUMBER OF SEQ ID NOS: 146
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 83
/ LENGTH: 14
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: LNA modified
/ OTHER INFORMATION: oligonucleotide
/ NAME/KEY: modified_base
/ LOCATION: (7)
/ OTHER INFORMATION: LNA monomer
US-10-008-029-83
```

```
Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1
```

```
RESULT 561
US-10-008-029-84
/ Sequence 84, Application US/10008029
/ Publication No. US20030134808A1
/ GENERAL INFORMATION:
/ APPLICANT: WENGEL, JESPER
/ APPLICANT: NIELSEN, POUL
/ TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
/ FILE REFERENCE: 49165-C2(71994)
/ CURRENT APPLICATION NUMBER: US/10/008,029
/ CURRENT FILING DATE: 2001-11-05
/ PRIOR APPLICATION NUMBER: 09/152,059
/ PRIOR FILING DATE: 1998-09-11
/ PRIOR APPLICATION NUMBER: 60/058,541
/ PRIOR FILING DATE: 1997-09-12
/ PRIOR APPLICATION NUMBER: 60/068,293
/ PRIOR FILING DATE: 1997-12-19
/ PRIOR APPLICATION NUMBER: 60/071,682
/ PRIOR FILING DATE: 1998-01-16
/ PRIOR APPLICATION NUMBER: 60/076,591
/ PRIOR FILING DATE: 1998-03-03
/ PRIOR APPLICATION NUMBER: 60/083,507
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/088,309
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/094,355
```

```

/ APPLICANT: WENDEL, JESPER
/ APPLICANT: NIELSEN, POUL
/ TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
/ FILE REFERENCE: 49165-C2(71994)
/ CURRENT APPLICATION NUMBER: US/10/008,029
/ CURRENT FILING DATE: 2001-11-05
/ PRIOR APPLICATION NUMBER: 09/152,059
/ PRIOR FILING DATE: 1998-09-11
/ PRIOR APPLICATION NUMBER: 60/058,541
/ PRIOR FILING DATE: 1997-09-12
/ PRIOR APPLICATION NUMBER: 60/068,293
/ PRIOR FILING DATE: 1997-12-19
/ PRIOR APPLICATION NUMBER: 60/071,682
/ PRIOR FILING DATE: 1998-01-16
/ PRIOR APPLICATION NUMBER: 60/076,591
/ PRIOR FILING DATE: 1998-03-03
/ PRIOR APPLICATION NUMBER: 60/083,507
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/088,309
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/094,355
/ PRIOR FILING DATE: 1998-07-28
/ NUMBER OF SEQ ID NOS: 146
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 86
/ LENGTH: 14
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: LNA modified
/ OTHER INFORMATION: oligonucleotide
/ NAME/KEY: modified_base
/ LOCATION: (7)..(8)
/ OTHER INFORMATION: LNA monomer
US-10-008-029-86

Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 564
US-10-008-029-87
/ Sequence 87, Application US/10008029
/ Publication No. US20030134808A1
/ GENERAL INFORMATION:
/ APPLICANT: WENDEL, JESPER
/ APPLICANT: NIELSEN, POUL
/ TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
/ FILE REFERENCE: 49165-C2(71994)
/ CURRENT APPLICATION NUMBER: US/10/008,029
/ CURRENT FILING DATE: 2001-11-05
/ PRIOR APPLICATION NUMBER: 09/152,059
/ PRIOR FILING DATE: 1998-09-11
/ PRIOR APPLICATION NUMBER: 60/058,541
/ PRIOR FILING DATE: 1997-09-12
/ PRIOR APPLICATION NUMBER: 60/068,293
/ PRIOR FILING DATE: 1997-12-19
/ PRIOR APPLICATION NUMBER: 60/071,682
/ PRIOR FILING DATE: 1998-01-16
/ PRIOR APPLICATION NUMBER: 60/076,591
/ PRIOR FILING DATE: 1998-03-03
/ PRIOR APPLICATION NUMBER: 60/083,507
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/088,309
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/094,355
/ PRIOR FILING DATE: 1998-07-28
/ NUMBER OF SEQ ID NOS: 146

```

```
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 87
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-87

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
Db      1 AAAAAAAAAAAAAA 14

RESULT 565
US-10-008-029-88
; Sequence 88, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 88
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified_base
; LOCATION: (6)..(9)
; OTHER INFORMATION: LNA monomer
US-10-008-029-89

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
Db      14 AAAAAAAAAAAAAA 1

RESULT 567
US-10-008-029-90
; Sequence 90, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 90
```

```
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-008-029-90
    Query Match          1.3%; Score 14; DB 1; Length 14;
    Best Local Similarity 100.0%; Pred. No. 3.5e+02;
    Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 568
US-10-008-029-91
; Sequence 91, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 91
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified_base
; LOCATION: (5)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (11)
; OTHER INFORMATION: LNA monomer
US-10-008-029-92
    Query Match          1.3%; Score 14; DB 1; Length 14;
    Best Local Similarity 100.0%; Pred. No. 3.5e+02;
    Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 570
US-10-008-029-93
; Sequence 93, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
```

```
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 93
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-93
```

```
Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1084 AAAAAAAAAAAAAA 1097
|||||
Db 1 AAAAAAAAAAAAAA 14
```

## RESULT 571

```
US-10-008-029-94
; Sequence 94, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 94
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-94
```

```
Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1084 AAAAAAAAAAAAAA 1097
|||||
Db 1 AAAAAAAAAAAAAA 14
```

## RESULT 572

```
US-10-008-029-96
```

```
; Sequence 96, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 96
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-96
```

```
Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1084 AAAAAAAAAAAAAA 1097
|||||
Db 1 AAAAAAAAAAAAAA 14
```

## RESULT 573

```
US-10-008-029-97
; Sequence 97, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 97
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-97
```

```
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 97
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-97

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 574
US-10-008-029-98/c
; Sequence 98, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/058,029
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 98
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-99

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 575
US-10-008-029-99/c
; Sequence 99, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/058,029
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 99
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified_base
; LOCATION: (8)
; OTHER INFORMATION: LNA monomer
US-10-008-029-98

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 575
US-10-008-029-99
; Sequence 99, Application US/10008029
; Publication No. US20030134808A1
```

```
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-008-029-100

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 577
US-10-008-029-101/c
; Sequence 101, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 101
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; NAME/KEY: modified_base
; LOCATION: (7)..(8)
; OTHER INFORMATION: LNA monomer
US-10-008-029-101

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 578
US-10-008-029-102
; Sequence 102, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
```

```
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 102
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-008-029-102

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 579
US-10-008-029-103
; Sequence 103, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 103
; LENGTH: 14
; TYPE: DNA
```

```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-103

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 580
US-10-008-029-104/c
; Sequence 104, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 104
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-105

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 581
US-10-008-029-106
; Sequence 106, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 106
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
US-10-008-029-104

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 14

RESULT 581
US-10-008-029-105
; Sequence 105, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:

```

```

; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 105
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-105

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 582
US-10-008-029-106
; Sequence 106, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 106
; LENGTH: 14

```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-008-029-106
    Query Match          1.3%; Score 14; DB 1; Length 14;
    Best Local Similarity 100.0%; Pred. No. 3.5e+02;
    Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 583
US-10-008-029-107/c
; Sequence 107, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/069,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 107
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
US-10-008-029-107
    Query Match          1.3%; Score 14; DB 1; Length 14;
    Best Local Similarity 100.0%; Pred. No. 3.5e+02;
    Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 584
US-10-008-029-108
; Sequence 108, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 107
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
US-10-008-029-107
    Query Match          1.3%; Score 14; DB 1; Length 14;
    Best Local Similarity 100.0%; Pred. No. 3.5e+02;
    Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 585
US-10-008-029-109
; Sequence 109, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 109
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence

```

```

; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 108
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-008-029-108
    Query Match          1.3%; Score 14; DB 1; Length 14;
    Best Local Similarity 100.0%; Pred. No. 3.5e+02;
    Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 585
US-10-008-029-109
; Sequence 109, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 109
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence

```

FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: Oligonucleotide  
US-10-008-029-109

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
DB 1 AAAAAAAAAAAAAA 14

## RESULT 586

US-10-008-029-110/c  
; Sequence 110, Application US/10008029  
; Publication No. US20030134808A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/008,029  
; CURRENT FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 110  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; NAME/KEY: modified\_base  
; LOCATION: (5)  
; OTHER INFORMATION: LNA monomer  
; NAME/KEY: modified\_base  
; LOCATION: (7)  
; OTHER INFORMATION: LNA monomer  
; NAME/KEY: modified\_base  
; LOCATION: (9)  
; OTHER INFORMATION: LNA monomer  
; NAME/KEY: modified\_base  
; LOCATION: (11)  
; OTHER INFORMATION: LNA monomer  
US-10-008-029-110

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
DB 14 AAAAAAAAAAAAAA 1

## RESULT 587

US-10-008-029-111  
; Sequence 111, Application US/10008029  
; Publication No. US20030134808A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/008,029  
; CURRENT FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 111  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: Oligonucleotide  
US-10-008-029-111

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
DB 1 AAAAAAAAAAAAAA 14

## RESULT 588

US-10-008-029-112  
; Sequence 112, Application US/10008029  
; Publication No. US20030134808A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/008,029  
; CURRENT FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355

```

; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 112
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-112

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 589
US-10-008-029-113/c
; Sequence 113, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-07-28
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 113
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-114

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 591
US-10-008-029-115
; Sequence 115, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 113
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified_base
; LOCATION: (1)..(13)
; OTHER INFORMATION: LNA monomer
US-10-008-029-113

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 590
US-10-008-029-114

```

```

; Sequence 114, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-07-28
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 114
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-114

```

```

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

```

```

RESULT 591
US-10-008-029-115
; Sequence 115, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146

```

```
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 115
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-008-029-115

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 592
US-10-008-029-117/c
; Sequence 117, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 117
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified_base
; LOCATION: (8)
; OTHER INFORMATION: LNA monomer
US-10-008-029-117

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 593
US-10-008-029-118
; Sequence 118, Application US/10008029
; Publication No. US20030134808A1
```

```
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 118
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-008-029-118

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 594
US-10-008-029-119
; Sequence 119, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 119
```

```

; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-119

Query Match
Best Local Similarity 1.3%; Score 14; DB 1; Length 14;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
DB 1 AAAAAAAAAAAAAA 14

RESULT 595
US-10-008-029-120/c
; Sequence 120, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 120
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-121

Query Match
Best Local Similarity 1.3%; Score 14; DB 1; Length 14;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
DB 1 AAAAAAAAAAAAAA 14

RESULT 596
US-10-008-029-122
; Sequence 122, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 122
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; NAME/KEY: modified base
; LOCATION: (7)..(8)
; OTHER INFORMATION: LNA monomer
US-10-008-029-120

Query Match
Best Local Similarity 1.3%; Score 14; DB 1; Length 14;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
DB 14 AAAAAAAAAAAAAA 1

RESULT 596
US-10-008-029-121
; Sequence 121, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER

```

```

; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 121
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-121

Query Match
Best Local Similarity 1.3%; Score 14; DB 1; Length 14;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
DB 1 AAAAAAAAAAAAAA 14

RESULT 597
US-10-008-029-122
; Sequence 122, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 122
; LENGTH: 14
; TYPE: DNA

```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-008-029-122

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 598
US-10-008-029-123/c
; Sequence 123, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 123
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-008-029-124

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 599
US-10-008-029-124/c
; Sequence 124, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 124
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
US-10-008-029-125

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 599
US-10-008-029-125/c
; Sequence 125, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 125
; LENGTH: 14
```

```
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 124
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-008-029-124

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 600
US-10-008-029-125
; Sequence 125, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 125
; LENGTH: 14
```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; US-10-008-029-125
;
; Query Match
; Best Local Similarity 1.3%; Score 14; DB 1; Length 14;
; Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 601
US-10-008-029-126/c
; Sequence 126, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/088,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,309
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 126
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; US-10-008-029-126
;
; Query Match
; Best Local Similarity 1.3%; Score 14; DB 1; Length 14;
; Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 602
US-10-008-029-127
; Sequence 127, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/088,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,309
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/089,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 127
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified_base
; LOCATION: (6)..(9)
; OTHER INFORMATION: LNA monomer
; US-10-008-029-126
;
; Query Match
; Best Local Similarity 1.3%; Score 14; DB 1; Length 14;
; Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
QY 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 603
US-10-008-029-128
; Sequence 128, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,309
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 128
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence

```

;  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-008-029-128

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02; Mismatches 0; Indels 0; Gaps 0;  
Matches 14; Conservative 0;

QY 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |  
Db 1 AAAAAAAAAAAAAA 14

## RESULT 604

US-10-008-029-129/c  
; Sequence 129, Application US/10008029  
; Publication No. US20030134808A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)

; CURRENT APPLICATION NUMBER: US/10/008,029  
; CURRENT FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 129  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence

; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; NAME/KEY: modified\_base  
; LOCATION: (8)  
; OTHER INFORMATION: LNA monomer  
US-10-008-029-129

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02; Mismatches 0; Indels 0; Gaps 0;  
Matches 14; Conservative 0;

QY 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |  
Db 14 AAAAAAAAAAAAAA 1

## RESULT 605

US-10-008-029-130  
; Sequence 130, Application US/10008029  
; Publication No. US20030134808A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)

; CURRENT APPLICATION NUMBER: US/10/008,029  
; CURRENT FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 130  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence

; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-008-029-130

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |  
Db 1 AAAAAAAAAAAAAA 14

## RESULT 606

US-10-008-029-131  
; Sequence 131, Application US/10008029  
; Publication No. US20030134808A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)

; CURRENT APPLICATION NUMBER: US/10/008,029  
; CURRENT FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 131  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence

; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

; OTHER INFORMATION: oligonucleotide  
US-10-008-029-131

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

RESULT 607  
US-10-008-029-132/c  
; Sequence 132, Application US/10008029  
; Publication No. US20030134808A1  
; GENERAL INFORMATION:  
; APPLICANT: NIELSEN, JESPER  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 132  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; NAME/KEY: modified\_base  
; LOCATION: (7)..(8)  
; OTHER INFORMATION: LNA monomer  
US-10-008-029-132

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 14 AAAAAAAAAAAAAA 1

RESULT 608  
US-10-008-029-133  
; Sequence 133, Application US/10008029  
; Publication No. US20030134808A1  
; GENERAL INFORMATION:  
; APPLICANT: NIELSEN, JESPER  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/008,029  
; CURRENT FILING DATE: 2001-11-05

; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 133  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-008-029-133

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

RESULT 609  
US-10-008-029-134  
; Sequence 134, Application US/10008029  
; Publication No. US20030134808A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/008,029  
; CURRENT FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 134  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-008-029-134

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |  
DB 1 AAAAAAAAAAAAAA 14

## RESULT 610

US-10-008-029-135/c  
; Sequence 135, Application US/10008029  
; Publication No. US20030134808A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/008,029  
; CURRENT FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 135  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; NAME/KEY: modified\_base  
; LOCATION: (7)  
; OTHER INFORMATION: LNA monomer  
; NAME/KEY: modified\_base  
; LOCATION: (9)  
; OTHER INFORMATION: LNA monomer  
US-10-008-029-135

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |  
DB 14 AAAAAAAAAAAAAA 1

## RESULT 611

US-10-008-029-136  
; Sequence 136, Application US/10008029  
; Publication No. US20030134808A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/008,029

; CURRENT FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 136  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-008-029-136

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |  
DB 1 AAAAAAAAAAAAAA 14

## RESULT 612

US-10-008-029-137  
; Sequence 137, Application US/10008029  
; Publication No. US20030134808A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/008,029  
; CURRENT FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 137  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide

US-10-008-029-137

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

RESULT 613

US-10-008-029-138/c  
; Sequence 138, Application US/10008029  
; Publication No. US20030134808A1

; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/008,029  
; CURRENT FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 138  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence

; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; OTHER INFORMATION: oligonucleotide  
; NAME/KEY: modified\_base  
; LOCATION: (6)..(9)  
; OTHER INFORMATION: LNA monomer  
US-10-008-029-138

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 14 AAAAAAAAAAAAAA 1

RESULT 614

US-10-008-029-139  
; Sequence 139, Application US/10008029  
; Publication No. US20030134808A1

; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/008,029  
; CURRENT FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059

; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 139  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-008-029-139

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

RESULT 615

US-10-008-029-140  
; Sequence 140, Application US/10008029  
; Publication No. US20030134808A1

; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/008,029  
; CURRENT FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 140  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-008-029-140

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |  
Db 1 AAAAAAAAAAAAAA 14

## RESULT 616

US-10-008-029-141/c  
; Sequence 141, Application US/10008029  
; Publication No. US20030134808A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 141  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; NAME/KEY: modified\_base  
; LOCATION: (5)  
; OTHER INFORMATION: LNA monomer  
; NAME/KEY: modified\_base  
; LOCATION: (7)  
; OTHER INFORMATION: LNA monomer  
; NAME/KEY: modified\_base  
; LOCATION: (9)  
; OTHER INFORMATION: LNA monomer  
; NAME/KEY: modified\_base  
; LOCATION: (11)  
; OTHER INFORMATION: LNA monomer  
US-10-008-029-141

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |  
Db 14 AAAAAAAAAAAAAA 1

## RESULT 617

US-10-008-029-142  
; Sequence 142, Application US/10008029  
; Publication No. US20030134808A1  
; GENERAL INFORMATION:

; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/008,029  
; CURRENT FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 142  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; OTHER INFORMATION: Oligonucleotide  
US-10-008-029-142

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |  
Db 1 AAAAAAAAAAAAAA 14

## RESULT 618

US-10-008-029-143  
; Sequence 143, Application US/10008029  
; Publication No. US20030134808A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/008,029  
; CURRENT FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 143  
; LENGTH: 14

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-008-029-143
    Query Match      1.3%; Score 14; DB 1; Length 14;
    Best Local Similarity 100.0%; Pred. No. 3.5e+02;
    Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
DB 1 AAAAAAAAAAAAAA 14

RESULT 619
US-10-008-029-144/c
; Sequence 144, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 144
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; NAME/KEY: modified_base
; LOCATION: (1)..(13)
; OTHER INFORMATION: LNA monomer
US-10-008-029-144
    Query Match      1.3%; Score 14; DB 1; Length 14;
    Best Local Similarity 100.0%; Pred. No. 3.5e+02;
    Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
DB 14 AAAAAAAAAAAAAA 1

RESULT 620
US-10-008-029-145
; Sequence 145, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 144
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-008-029-145
    Query Match      1.3%; Score 14; DB 1; Length 14;
    Best Local Similarity 100.0%; Pred. No. 3.5e+02;
    Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
DB 1 AAAAAAAAAAAAAA 14

RESULT 621
US-10-008-029-146
; Sequence 146, Application US/10008029
; Publication No. US20030134808A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 146
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence

```

```
;
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-008-029-146
```

```
Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14
```

## RESULT 622

```
US-10-208-650-65/c
; Sequence 65, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1997-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 65
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
```

```
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)..(8)
; OTHER INFORMATION: LNA monomer
US-10-208-650-65
; Query Match          1.3%; Score 14; DB 1; Length 14;
; Best Local Similarity 100.0%; Pred. No. 3.5e+02;
; Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 1084 AAAAAAAAAAAAAA 1097
; Db 14 AAAAAAAAAAAAAA 1
;
; RESULT 623
; US-10-208-650-66/c
; Sequence 66, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1997-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 65
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
US-10-208-650-65
```

```
Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1
```

## RESULT 623

```
US-10-208-650-66/c
; Sequence 66, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
```

```
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 66
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)..(8)
; OTHER INFORMATION: LNA monomer
US-10-208-650-66
; Query Match          1.3%; Score 14; DB 1; Length 14;
; Best Local Similarity 100.0%; Pred. No. 3.5e+02;
; Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 1084 AAAAAAAAAAAAAA 1097
; Db 14 AAAAAAAAAAAAAA 1
;
; RESULT 624
; US-10-208-650-67/c
; Sequence 67, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1997-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
```

```
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 67
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified_base
; LOCATION: (6)..(9)
; OTHER INFORMATION: LNA monomer
US-10-208-650-67
```

```
Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1
```

```
RESULT 625
US-10-208-650-68/c
; Sequence 68, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 68
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified_base
; LOCATION: (5)
; OTHER INFORMATION: LNA monomer
```

```
US-10-208-650-68
; Sequence 68, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 68
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified_base
; LOCATION: (5)
; OTHER INFORMATION: LNA monomer
```

```
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (11)
; OTHER INFORMATION: LNA monomer
US-10-208-650-68
```

```
Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1
```

```
RESULT 626
US-10-208-650-80/c
; Sequence 80, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 80
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-80
```

```
Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1
```

```
RESULT 627
US-10-208-650-81
; Sequence 81, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
```

```
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 81
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-81

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
Db      1 AAAAAAAAAAAAAA 14

RESULT 628
US-10-208-650-82
; Sequence 82, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 81
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-81
```

```
Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1084 AAAAAAAAAAAAAA 1097
Db      1 AAAAAAAAAAAAAA 14
```

## RESULT 628

```
US-10-208-650-82
; Sequence 82, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
```

```
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 82
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-82
```

```
Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1084 AAAAAAAAAAAAAA 1097
Db      1 AAAAAAAAAAAAAA 14
```

## RESULT 629

```
US-10-208-650-83/c
; Sequence 83, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 83
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
US-10-208-650-83
```

```
Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1084 AAAAAAAAAAAAAA 1097
Db      14 AAAAAAAAAAAAAA 1
```

```
RESULT 630
US-10-208-650-84
; Sequence 84, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 84
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-84
```

```
Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1084 AAAAAAAAAAAAAA 1097
|||||
DB 1 AAAAAAAAAAAAAA 14

RESULT 631
US-10-208-650-85
; Sequence 85, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
```

```
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 85
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-85
```

```
Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1084 AAAAAAAAAAAAAA 1097
|||||
DB 1 AAAAAAAAAAAAAA 14
```

```
RESULT 632
US-10-208-650-86/c
; Sequence 86, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 86
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified_base
; LOCATION: (7)..(8)
; OTHER INFORMATION: LNA monomer
US-10-208-650-86
```

```
Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Qy 1084 AAAAAAAAAAAAAA 1097  
 Db 14 AAAAAAAAAAAAAA 1

## RESULT 633

US-10-208-650-87  
 ; Sequence 87, Application US/10208650  
 ; Publication No. US20030144231A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: WENGEL, JESPER  
 ; APPLICANT: NIELSEN, POUL  
 ; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
 ; FILE REFERENCE: 49165-C2(71994)  
 ; CURRENT APPLICATION NUMBER: US/10/208,650  
 ; CURRENT FILING DATE: 2002-07-29  
 ; PRIOR APPLICATION NUMBER: US/10/008,029  
 ; PRIOR FILING DATE: 2001-11-05  
 ; PRIOR APPLICATION NUMBER: 09/152,059  
 ; PRIOR FILING DATE: 1998-09-11  
 ; PRIOR APPLICATION NUMBER: 60/058,541  
 ; PRIOR FILING DATE: 1997-09-12  
 ; PRIOR APPLICATION NUMBER: 60/068,293  
 ; PRIOR FILING DATE: 1997-12-19  
 ; PRIOR APPLICATION NUMBER: 60/071,682  
 ; PRIOR FILING DATE: 1998-01-16  
 ; PRIOR APPLICATION NUMBER: 60/076,591  
 ; PRIOR FILING DATE: 1998-03-03  
 ; PRIOR APPLICATION NUMBER: 60/083,507  
 ; PRIOR FILING DATE: 1998-04-29  
 ; PRIOR APPLICATION NUMBER: 60/088,309  
 ; PRIOR FILING DATE: 1998-06-05  
 ; PRIOR APPLICATION NUMBER: 60/094,355  
 ; PRIOR FILING DATE: 1998-07-28  
 ; NUMBER OF SEQ ID NOS: 146  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 87  
 ; LENGTH: 14  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 ; OTHER INFORMATION: oligonucleotide  
 US-10-208-650-87

Query Match 1.3%; Score 14; DB 1; Length 14;  
 Best Local Similarity 100.0%; Pred.No. 3.5e+02;  
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
 Db 14 AAAAAAAAAAAAAA 14

## RESULT 634

US-10-208-650-88  
 ; Sequence 88, Application US/10208650  
 ; Publication No. US20030144231A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: WENGEL, JESPER  
 ; APPLICANT: NIELSEN, POUL  
 ; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
 ; FILE REFERENCE: 49165-C2(71994)  
 ; CURRENT APPLICATION NUMBER: US/10/208,650  
 ; CURRENT FILING DATE: 2002-07-29  
 ; PRIOR APPLICATION NUMBER: US/10/008,029  
 ; PRIOR FILING DATE: 2001-11-05  
 ; PRIOR APPLICATION NUMBER: 09/152,059  
 ; PRIOR FILING DATE: 1998-09-11  
 ; PRIOR APPLICATION NUMBER: 60/058,541  
 ; PRIOR FILING DATE: 1997-09-12  
 ; PRIOR APPLICATION NUMBER: 60/068,293  
 ; PRIOR FILING DATE: 1997-12-19

; PRIOR APPLICATION NUMBER: 60/071,682  
 ; PRIOR FILING DATE: 1998-01-16  
 ; PRIOR APPLICATION NUMBER: 60/076,591  
 ; PRIOR FILING DATE: 1998-03-03  
 ; PRIOR APPLICATION NUMBER: 60/083,507  
 ; PRIOR FILING DATE: 1998-04-29  
 ; PRIOR APPLICATION NUMBER: 60/088,309  
 ; PRIOR FILING DATE: 1998-06-05  
 ; PRIOR APPLICATION NUMBER: 60/094,355  
 ; PRIOR FILING DATE: 1998-07-28  
 ; NUMBER OF SEQ ID NOS: 146  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 88  
 ; LENGTH: 14  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 ; OTHER INFORMATION: oligonucleotide  
 US-10-208-650-88

Query Match 1.3%; Score 14; DB 1; Length 14;  
 Best Local Similarity 100.0%; Pred.No. 3.5e+02;  
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
 Db 1 AAAAAAAAAAAAAA 14

## RESULT 635

US-10-208-650-89/c  
 ; Sequence 89, Application US/10208650  
 ; Publication No. US20030144231A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: WENGEL, JESPER  
 ; APPLICANT: NIELSEN, POUL  
 ; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
 ; FILE REFERENCE: 49165-C2(71994)  
 ; CURRENT APPLICATION NUMBER: US/10/208,650  
 ; CURRENT FILING DATE: 2002-07-29  
 ; PRIOR APPLICATION NUMBER: US/10/008,029  
 ; PRIOR FILING DATE: 2001-11-05  
 ; PRIOR APPLICATION NUMBER: 09/152,059  
 ; PRIOR FILING DATE: 1998-09-11  
 ; PRIOR APPLICATION NUMBER: 60/058,541  
 ; PRIOR FILING DATE: 1997-09-12  
 ; PRIOR APPLICATION NUMBER: 60/068,293  
 ; PRIOR FILING DATE: 1997-12-19  
 ; PRIOR APPLICATION NUMBER: 60/071,682  
 ; PRIOR FILING DATE: 1998-01-16  
 ; PRIOR APPLICATION NUMBER: 60/076,591  
 ; PRIOR FILING DATE: 1998-03-03  
 ; PRIOR APPLICATION NUMBER: 60/083,507  
 ; PRIOR FILING DATE: 1998-04-29  
 ; PRIOR APPLICATION NUMBER: 60/088,309  
 ; PRIOR FILING DATE: 1998-06-05  
 ; PRIOR APPLICATION NUMBER: 60/094,355  
 ; PRIOR FILING DATE: 1998-07-28  
 ; NUMBER OF SEQ ID NOS: 146  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 89  
 ; LENGTH: 14  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
 ; OTHER INFORMATION: oligonucleotide  
 ; FEATURE:  
 ; NAME/KEY: modified\_base  
 ; LOCATION: (6)..(9)  
 ; OTHER INFORMATION: LNA monomer  
 US-10-208-650-89

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
DB 14 AAAAAAAAAAAAAA 1

## RESULT 636

US-10-208-650-90  
; Sequence 90, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:  
; APPLICANT: NIELSEN, JESPER  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 90  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide

US-10-208-650-90  
Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
DB 14 AAAAAAAAAAAAAA 1

## RESULT 637

US-10-208-650-91  
; Sequence 91, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:  
; APPLICANT: NIELSEN, JESPER  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059

; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 91  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide

## US-10-208-650-91

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
DB 1 AAAAAAAAAAAAAA 14

## RESULT 638

US-10-208-650-92/c  
; Sequence 92, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 92  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; OTHER INFORMATION: oligonucleotide

```

; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (5)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (11)
; OTHER INFORMATION: LNA monomer
US-10-208-650-92

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 639
US-10-208-650-93
; Sequence 93, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1997-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 93
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-208-650-93

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1

RESULT 639
US-10-208-650-93
; Sequence 93, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1997-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 93
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-208-650-93

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1
```

```

Db 1 AAAAAAAAAAAAAA 14

RESULT 640
US-10-208-650-94
; Sequence 94, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1997-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 94
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-208-650-94

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 641
US-10-208-650-96
; Sequence 96, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1997-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
```

```

; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 96
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-208-650-96
Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 642
US-10-208-650-97
; Sequence 97, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 97
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-208-650-97
Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097

```

```

Db 1 AAAAAAAAAAAAAA 14

RESULT 643
US-10-208-650-98/c
; Sequence 98, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 98
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified_base
; LOCATION: (8)
; OTHER INFORMATION: LNA monomer
US-10-208-650-98
Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 644
US-10-208-650-99
; Sequence 99, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541

```

```

; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 99
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-208-650-99

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
Db      1 AAAAAAAAAAAAAA 14

RESULT 645
US-10-208-650-100
; Sequence 100, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: Description of Artificial Sequence: Synthetic
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 100
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-208-650-100

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
Db      1 AAAAAAAAAAAAAA 14

RESULT 645
US-10-208-650-100
; Sequence 100, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: Description of Artificial Sequence: Synthetic
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 100
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-208-650-100
```

```

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
Db      1 AAAAAAAAAAAAAA 14

RESULT 646
US-10-208-650-101/c
; Sequence 101, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 101
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (7)..(8)
; OTHER INFORMATION: LNA monomer
US-10-208-650-101

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
Db      14 AAAAAAAAAAAAAA 1

RESULT 647
US-10-208-650-102
; Sequence 102, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
```

```
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 102
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-102

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
Db      1 AAAAAAAAAAAAAA 14

RESULT 648
US-10-208-650-104/c
; Sequence 104, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 104
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
US-10-208-650-104

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
Db      14 AAAAAAAAAAAAAA 1

RESULT 650
US-10-208-650-105
```

```
; Sequence 105, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 105
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-105

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
Db       1 AAAAAAAAAAAAAA 14
|||||

RESULT 651
US-10-208-650-106
; Sequence 106, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 106
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-106
```

```
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 106
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-106

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
Db       1 AAAAAAAAAAAAAA 14
|||||

RESULT 652
US-10-208-650-107/c
; Sequence 107, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 107
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified_base
; LOCATION: (6)..(9)
; OTHER INFORMATION: LNA monomer
US-10-208-650-107

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
Db       1 AAAAAAAAAAAAAA 14
|||||
```

```
Db      14 AAAAAAAAAAAAAA 1

RESULT 653
US-10-208-650-109
; Sequence 109, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 108
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-108

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
      |||||
Db      1 AAAAAAAAAAAAAA 14

RESULT 654
US-10-208-650-109
; Sequence 109, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 109
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-109

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
      |||||
Db      1 AAAAAAAAAAAAAA 14

RESULT 654
US-10-208-650-109
; Sequence 109, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
```

US-10-208-650-112  
; sequence 112, Application US/10208650  
; Publication No. US2003014231A1

;; PRIOR APPLICATION NUMBER: 60/0

;; PRIOR APPLICATION NUMBER: 60/0

;; PRIOR FILING DATE: 1998-07-28  
;; NUMBER OF SEQ ID NOS: 146  
;; SOFTWARE: PatentIn Ver. 2.1  
;; SEQ ID NO 113  
;; LENGTH: 14  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
;; OTHER INFORMATION: oligonucleotide  
;; FEATURE:  
;; NAME/KEY: modified base  
;; LOCATION: (1)..(13)  
;; OTHER INFORMATION: LNA monomer  
US-10-208-650-113

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 14 AAAAAAAAAAAAAA 1

RESULT 659  
US-10-208-650-114  
;; Sequence 114, Application US/10208650  
;; Publication No. US20030144231A1  
;; GENERAL INFORMATION:  
;; APPLICANT: WENGEL, JESPER  
;; APPLICANT: NIELSEN, POUL  
;; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
;; FILE REFERENCE: 49165-C2(71994)  
;; CURRENT APPLICATION NUMBER: US/10/208,650  
;; CURRENT FILING DATE: 2002-07-29  
;; PRIOR APPLICATION NUMBER: US/10/008,029  
;; PRIOR FILING DATE: 2001-11-05  
;; PRIOR APPLICATION NUMBER: 09/152,059  
;; PRIOR FILING DATE: 1998-09-11  
;; PRIOR APPLICATION NUMBER: 60/058,541  
;; PRIOR FILING DATE: 1997-09-12  
;; PRIOR APPLICATION NUMBER: 60/068,293  
;; PRIOR FILING DATE: 1997-12-19  
;; PRIOR APPLICATION NUMBER: 60/071,682  
;; PRIOR FILING DATE: 1998-01-16  
;; PRIOR APPLICATION NUMBER: 60/076,591  
;; PRIOR FILING DATE: 1998-03-03  
;; PRIOR APPLICATION NUMBER: 60/083,507  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/088,309  
;; PRIOR FILING DATE: 1998-06-05  
;; PRIOR APPLICATION NUMBER: 60/094,355  
;; PRIOR FILING DATE: 1998-07-28  
;; NUMBER OF SEQ ID NOS: 146  
;; SOFTWARE: PatentIn Ver. 2.1  
;; SEQ ID NO 114  
;; LENGTH: 14  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
;; OTHER INFORMATION: oligonucleotide  
US-10-208-650-114

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

RESULT 660  
US-10-208-650-115  
;; Sequence 115, Application US/10208650  
;; Publication No. US20030144231A1  
;; GENERAL INFORMATION:  
;; APPLICANT: WENGEL, JESPER  
;; APPLICANT: NIELSEN, POUL  
;; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
;; FILE REFERENCE: 49165-C2(71994)  
;; CURRENT APPLICATION NUMBER: US/10/208,650  
;; CURRENT FILING DATE: 2002-07-29  
;; PRIOR APPLICATION NUMBER: US/10/008,029  
;; PRIOR FILING DATE: 2001-11-05  
;; PRIOR APPLICATION NUMBER: 09/152,059  
;; PRIOR FILING DATE: 1998-09-11  
;; PRIOR APPLICATION NUMBER: 60/058,541  
;; PRIOR FILING DATE: 1997-09-12  
;; PRIOR APPLICATION NUMBER: 60/068,293  
;; PRIOR FILING DATE: 1997-12-19  
;; PRIOR APPLICATION NUMBER: 60/071,682  
;; PRIOR FILING DATE: 1998-01-16  
;; PRIOR APPLICATION NUMBER: 60/076,591  
;; PRIOR FILING DATE: 1998-03-03  
;; PRIOR APPLICATION NUMBER: 60/083,507  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/088,309  
;; PRIOR FILING DATE: 1998-06-05  
;; PRIOR APPLICATION NUMBER: 60/094,355  
;; PRIOR FILING DATE: 1998-07-28  
;; NUMBER OF SEQ ID NOS: 146  
;; SOFTWARE: PatentIn Ver. 2.1  
;; SEQ ID NO 115  
;; LENGTH: 14  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
;; OTHER INFORMATION: oligonucleotide  
US-10-208-650-115

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

RESULT 661  
US-10-208-650-117/c  
;; Sequence 117, Application US/10208650  
;; Publication No. US20030144231A1  
;; GENERAL INFORMATION:  
;; APPLICANT: WENGEL, JESPER  
;; APPLICANT: NIELSEN, POUL  
;; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
;; FILE REFERENCE: 49165-C2(71994)  
;; CURRENT APPLICATION NUMBER: US/10/208,650  
;; CURRENT FILING DATE: 2002-07-29  
;; PRIOR APPLICATION NUMBER: US/10/008,029  
;; PRIOR FILING DATE: 2001-11-05  
;; PRIOR APPLICATION NUMBER: 09/152,059  
;; PRIOR FILING DATE: 1998-09-11  
;; PRIOR APPLICATION NUMBER: 60/058,541  
;; PRIOR FILING DATE: 1997-09-12  
;; PRIOR APPLICATION NUMBER: 60/068,293  
;; PRIOR FILING DATE: 1997-12-19  
;; PRIOR APPLICATION NUMBER: 60/071,682  
;; PRIOR FILING DATE: 1998-01-16  
;; PRIOR APPLICATION NUMBER: 60/076,591  
;; PRIOR FILING DATE: 1998-03-03

;; PRIOR APPLICATION NUMBER: 60/083,507  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/088,309  
;; PRIOR FILING DATE: 1998-06-05  
;; PRIOR APPLICATION NUMBER: 60/094,355  
;; PRIOR FILING DATE: 1998-07-28  
;; NUMBER OF SEQ ID NOS: 146  
;; SOFTWARE: Patent In Ver. 2.1  
;; SEQ ID NO 117  
;; LENGTH: 14  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
;; OTHER INFORMATION: oligonucleotide  
;; FEATURE:  
;; NAME/KEY: modified\_base  
;; LOCATION: (8)  
;; OTHER INFORMATION: LNA monomer  
US-10-208-650-117

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 14 AAAAAAAAAAAAAA 1

## RESULT 662

US-10-208-650-118  
;; Sequence 118, Application US/10208650  
;; Publication No. US20030144231A1  
;; GENERAL INFORMATION:  
;; APPLICANT: WENGEL, JESPER  
;; APPLICANT: NIELSEN, POUL  
;; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
;; FILE REFERENCE: 49165-C2(71994)  
;; CURRENT APPLICATION NUMBER: US/10/208,650  
;; PRIOR FILING DATE: 2002-07-29  
;; PRIOR APPLICATION NUMBER: US/10/008,029  
;; PRIOR FILING DATE: 2001-11-05  
;; PRIOR APPLICATION NUMBER: 60/152,059  
;; PRIOR FILING DATE: 1998-09-11  
;; PRIOR APPLICATION NUMBER: 60/058,541  
;; PRIOR FILING DATE: 1997-09-12  
;; PRIOR APPLICATION NUMBER: 60/068,293  
;; PRIOR FILING DATE: 1997-12-19  
;; PRIOR APPLICATION NUMBER: 60/071,682  
;; PRIOR FILING DATE: 1998-01-16  
;; PRIOR APPLICATION NUMBER: 60/076,591  
;; PRIOR FILING DATE: 1998-03-03  
;; PRIOR APPLICATION NUMBER: 60/083,507  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/088,309  
;; PRIOR FILING DATE: 1998-06-05  
;; PRIOR APPLICATION NUMBER: 60/094,355  
;; NUMBER OF SEQ ID NOS: 146  
;; SOFTWARE: Patent In Ver. 2.1  
;; SEQ ID NO 118  
;; LENGTH: 14  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
;; OTHER INFORMATION: oligonucleotide  
US-10-208-650-118

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14  
RESULT 663  
US-10-208-650-119  
;; Sequence 119, Application US/10208650  
;; Publication No. US20030144231A1  
;; GENERAL INFORMATION:  
;; APPLICANT: WENGEL, JESPER  
;; APPLICANT: NIELSEN, POUL  
;; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
;; FILE REFERENCE: 49165-C2(71994)  
;; CURRENT APPLICATION NUMBER: US/10/208,650  
;; PRIOR FILING DATE: 2002-07-29  
;; PRIOR APPLICATION NUMBER: US/10/008,029  
;; PRIOR FILING DATE: 2001-11-05  
;; PRIOR APPLICATION NUMBER: 60/152,059  
;; PRIOR FILING DATE: 1998-09-11  
;; PRIOR APPLICATION NUMBER: 60/058,541  
;; PRIOR FILING DATE: 1997-09-12  
;; PRIOR APPLICATION NUMBER: 60/068,293  
;; PRIOR FILING DATE: 1997-12-19  
;; PRIOR APPLICATION NUMBER: 60/071,682  
;; PRIOR FILING DATE: 1998-01-16  
;; PRIOR APPLICATION NUMBER: 60/076,591  
;; PRIOR FILING DATE: 1998-03-03  
;; PRIOR APPLICATION NUMBER: 60/083,507  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/088,309  
;; PRIOR FILING DATE: 1998-06-05  
;; PRIOR APPLICATION NUMBER: 60/094,355  
;; NUMBER OF SEQ ID NOS: 146  
;; SOFTWARE: Patent In Ver. 2.1  
;; SEQ ID NO 119  
;; LENGTH: 14  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
;; OTHER INFORMATION: oligonucleotide  
US-10-208-650-119

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
Db 1 AAAAAAAAAAAAAA 14

## RESULT 664

US-10-208-650-120/c  
;; Sequence 120, Application US/10208650  
;; Publication No. US20030144231A1  
;; GENERAL INFORMATION:  
;; APPLICANT: WENGEL, JESPER  
;; APPLICANT: NIELSEN, POUL  
;; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
;; FILE REFERENCE: 49165-C2(71994)  
;; CURRENT APPLICATION NUMBER: US/10/208,650  
;; PRIOR FILING DATE: 2002-07-29  
;; PRIOR APPLICATION NUMBER: US/10/008,029  
;; PRIOR FILING DATE: 2001-11-05  
;; PRIOR APPLICATION NUMBER: 60/152,059  
;; PRIOR FILING DATE: 1998-09-11  
;; PRIOR APPLICATION NUMBER: 60/058,541  
;; PRIOR FILING DATE: 1997-09-12  
;; PRIOR APPLICATION NUMBER: 60/068,293

```
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 120
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)..(8)
; OTHER INFORMATION: LNA monomer
;
US-10-208-650-120
Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1
```

```
RESULT 665
US-10-208-650-121
; Sequence 121, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 121
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
```

```
US-10-208-650-121
Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 666
US-10-208-650-122
; Sequence 122, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 122
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
```

```
US-10-208-650-122
Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 667
US-10-208-650-123/c
; Sequence 123, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
```

```
/ PRIOR APPLICATION NUMBER: 09/152,059
/ PRIOR FILING DATE: 1998-09-11
/ PRIOR APPLICATION NUMBER: 60/058,541
/ PRIOR FILING DATE: 1997-09-12
/ PRIOR APPLICATION NUMBER: 60/068,293
/ PRIOR FILING DATE: 1997-12-19
/ PRIOR APPLICATION NUMBER: 60/071,682
/ PRIOR FILING DATE: 1998-01-16
/ PRIOR APPLICATION NUMBER: 60/076,591
/ PRIOR FILING DATE: 1998-03-03
/ PRIOR APPLICATION NUMBER: 60/083,507
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/088,309
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/094,355
/ PRIOR FILING DATE: 1998-07-28
/ NUMBER OF SEQ ID NOS: 146
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 123
/ LENGTH: 14
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: LNA modified
/ OTHER INFORMATION: oligonucleotide
/ NAME/KEY: modified_base
/ LOCATION: (7)
/ OTHER INFORMATION: LNA monomer
/ FEATURE:
/ NAME/KEY: modified_base
/ LOCATION: (9)
/ OTHER INFORMATION: LNA monomer
US-10-208-650-123
```

```
Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1084 AAAAAAAAAAAAAA 1097
Db 14 AAAAAAAAAAAAAA 1
```

```
RESULT 668
US-10-208-650-124
/ Sequence 124, Application US/10208650
/ Publication No. US2003014231A1
/ GENERAL INFORMATION:
/ APPLICANT: WENGEL, JESPER
/ APPLICANT: NIELSEN, POUL
/ TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
/ FILE REFERENCE: 49165-C2(71994)
/ CURRENT APPLICATION NUMBER: US/10/208,650
/ CURRENT FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US/10/008,029
/ PRIOR FILING DATE: 2001-11-05
/ PRIOR APPLICATION NUMBER: 09/152,059
/ PRIOR FILING DATE: 1998-09-11
/ PRIOR APPLICATION NUMBER: 60/058,541
/ PRIOR FILING DATE: 1997-09-12
/ PRIOR APPLICATION NUMBER: 60/068,293
/ PRIOR FILING DATE: 1997-12-19
/ PRIOR APPLICATION NUMBER: 60/071,682
/ PRIOR FILING DATE: 1998-01-16
/ PRIOR APPLICATION NUMBER: 60/076,591
/ PRIOR FILING DATE: 1998-03-03
/ PRIOR APPLICATION NUMBER: 60/083,507
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/088,309
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/094,355
/ PRIOR FILING DATE: 1998-07-28
```

```
/ NUMBER OF SEQ ID NOS: 146
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 124
/ LENGTH: 14
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: oligonucleotide
US-10-208-650-124
```

```
Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14
```

```
RESULT 669
US-10-208-650-125
/ Sequence 125, Application US/10208650
/ Publication No. US20030144231A1
/ GENERAL INFORMATION:
/ APPLICANT: WENGEL, JESPER
/ APPLICANT: NIELSEN, POUL
/ TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
/ FILE REFERENCE: 49165-C2(71994)
/ CURRENT APPLICATION NUMBER: US/10/208,650
/ CURRENT FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US/10/008,029
/ PRIOR FILING DATE: 2001-11-05
/ PRIOR APPLICATION NUMBER: 09/152,059
/ PRIOR FILING DATE: 1998-09-11
/ PRIOR APPLICATION NUMBER: 60/058,541
/ PRIOR FILING DATE: 1997-09-12
/ PRIOR APPLICATION NUMBER: 60/068,293
/ PRIOR FILING DATE: 1997-12-19
/ PRIOR APPLICATION NUMBER: 60/071,682
/ PRIOR FILING DATE: 1998-01-16
/ PRIOR APPLICATION NUMBER: 60/076,591
/ PRIOR FILING DATE: 1998-03-03
/ PRIOR APPLICATION NUMBER: 60/083,507
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/088,309
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/094,355
/ PRIOR FILING DATE: 1998-07-28
/ NUMBER OF SEQ ID NOS: 146
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 125
/ LENGTH: 14
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: oligonucleotide
US-10-208-650-125
```

```
Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14
```

```
RESULT 670
US-10-208-650-126/c
/ Sequence 126, Application US/10208650
/ Publication No. US20030144231A1
```

```
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 126
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified base
; LOCATION: (6)...(9)
; OTHER INFORMATION: LNA monomer
; US-10-208-650-126

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
DB      14 AAAAAAAAAAAAAA 1

RESULT 671
US-10-208-650-127
; Sequence 127, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 128
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; US-10-208-650-128

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
DB      14 AAAAAAAAAAAAAA 14

US-10-208-650-127
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 127
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; US-10-208-650-127

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
DB      1 AAAAAAAAAAAAAA 14
```

## RESULT 673

US-10-208-650-129/c  
; Sequence 129, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 129  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; OTHER INFORMATION: oligonucleotide  
; FEATURE:  
; NAME/KEY: modified\_base  
; LOCATION: (8)  
; OTHER INFORMATION: LNA monomer  
US-10-208-650-129

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
||| ||||| |||||  
Db 14 AAAAAAAAAAAAAA 1

## RESULT 674

US-10-208-650-130  
; Sequence 130, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19

; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 130  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-208-650-130

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
||| ||||| |||||  
Db 1 AAAAAAAAAAAAAA 14

## RESULT 675

US-10-208-650-131  
; Sequence 131, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 09/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: Patentin ver. 2.1  
; SEQ ID NO 131  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-208-650-131

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
QY 1084 AAAAAAAAAAAAAA 1097
  |||||
Db 1 AAAAAAAAAAAAAA 14

RESULT 676
US-10-208-650-132/c
; Sequence 132, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 132
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified_base
; LOCATION: (7)..(8)
; OTHER INFORMATION: LNA monomer
US-10-208-650-132

Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
  |||||
Db 14 AAAAAAAAAAAAAA 1

RESULT 677
US-10-208-650-133
; Sequence 133, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
```

```
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 133
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-133

Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
  |||||
Db 1 AAAAAAAAAAAAAA 14

RESULT 678
US-10-208-650-134
; Sequence 134, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 134
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
```

US-10-208-650-134

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
DB 1 AAAAAAAAAAAAAA 14

RESULT 679

US-10-208-650-135/c  
; Sequence 135, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 60/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 135  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified  
; OTHER INFORMATION: oligonucleotide  
; FEATURE:  
; NAME/KEY: modified\_base  
; LOCATION: (7)  
; OTHER INFORMATION: LNA monomer  
; FEATURE:  
; NAME/KEY: modified\_base  
; LOCATION: (9)  
; OTHER INFORMATION: LNA monomer  
US-10-208-650-135

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
DB 14 AAAAAAAAAAAAAA 1

RESULT 680

US-10-208-650-136  
; Sequence 136, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:

; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 60/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 136  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-208-650-136

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
DB 1 AAAAAAAAAAAAAA 14

RESULT 681

US-10-208-650-137  
; Sequence 137, Application US/10208650  
; Publication No. US20030144231A1  
; GENERAL INFORMATION:  
; APPLICANT: WENGEL, JESPER  
; APPLICANT: NIELSEN, POUL  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
; FILE REFERENCE: 49165-C2(71994)  
; CURRENT APPLICATION NUMBER: US/10/208,650  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/10/008,029  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 60/152,059  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/058,541  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/068,293  
; PRIOR FILING DATE: 1997-12-19  
; PRIOR APPLICATION NUMBER: 60/071,682  
; PRIOR FILING DATE: 1998-01-16  
; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28

```

; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 137
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-137

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
      |||||
Db      1 AAAAAAAAAAAAAA 14

RESULT 682
US-10-208-650-138/c
; Sequence 138, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR FILING DATE: 1998-09-11
; PRIOR FILING DATE: 1997-09-12
; PRIOR FILING DATE: 1997-12-19
; PRIOR FILING DATE: 1998-01-16
; PRIOR FILING DATE: 1998-03-03
; PRIOR FILING DATE: 1998-04-29
; PRIOR FILING DATE: 1998-06-05
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 138
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-139

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
      |||||
Db      1 AAAAAAAAAAAAAA 14

RESULT 684
US-10-208-650-140
; Sequence 140, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR FILING DATE: 1998-09-11
; PRIOR FILING DATE: 1997-09-12
; PRIOR FILING DATE: 1997-12-19
; PRIOR FILING DATE: 1998-01-16
; PRIOR FILING DATE: 1998-03-03
; PRIOR FILING DATE: 1998-04-29
; PRIOR FILING DATE: 1998-06-05
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 139
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-10-208-650-138

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1097
      |||||
Db      14 AAAAAAAAAAAAAA 1
```

```
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 140
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-140

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e-02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 685
US-10-208-650-141/c
; Sequence 141, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 141
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-10-208-650-141

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e-02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 687
US-10-208-650-143
; Sequence 143, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
```

```
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (11)
; OTHER INFORMATION: LNA monomer
US-10-208-650-141

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e-02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 686
US-10-208-650-142
; Sequence 142, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 142
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-10-208-650-142

Query Match      1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e-02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 687
US-10-208-650-143
; Sequence 143, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
```

```

; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 143
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-143
```

```

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

QY 1084 AAAAAAAAAAAAAA 1097
    |||||
Db 1 AAAAAAAAAAAAAA 14

RESULT 688
US-10-208-650-144/c
; Sequence 144, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
```

```

; SEQ ID NO 144
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (1)..(13)
; OTHER INFORMATION: LNA monomer
US-10-208-650-144
```

```

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

QY 1084 AAAAAAAAAAAAAA 1097
    |||||
Db 1 AAAAAAAAAAAAAA 14
```

```

RESULT 689
US-10-208-650-145
; Sequence 145, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 145
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-145
```

```

Query Match          1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

QY 1084 AAAAAAAAAAAAAA 1097
    |||||
Db 1 AAAAAAAAAAAAAA 14
```

```

RESULT 690
US-10-208-650-146
```

```

; Sequence 146, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, BOUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 146
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-146

Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 691
US-10-106-749-4
; Sequence 4, Application US/10106749
; Publication No. US20030165879A1
; GENERAL INFORMATION:
; APPLICANT: Inscent, Inc.
; APPLICANT: Woods, Daniel
; APPLICANT: Dimitrios, Spiros
; TITLE OF INVENTION: EFFICIENT METHODS FOR ISOLATING FUNCTIONAL G-PROTEIN COUPLED RECEPTORS AND IDENTIFYING ACTIVE EFFECTORS AND EFFICIENT METHODS TO ISOLATE AND IDENTIFYING ACTIVE EFFECTORS
; TITLE OF INVENTION: INVOLVED IN OLFACTION AND IDENTIFYING ACTIVE EFFECTORS
; FILE REFERENCE: INS-00101.P.1.1
; CURRENT APPLICATION NUMBER: US/10/106,749
; CURRENT FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: 60/279,168
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: 60/353,392
; PRIOR FILING DATE: 2002-01-31
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 4
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct

```

```

US-10-106-749-4
Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 692
US-10-151-061-16
; Sequence 16, Application US/10151061
; Publication No. US20030219751A1
; GENERAL INFORMATION:
; APPLICANT: Lao, Kai Qin
; APPLICANT: Chen, Caifu
; APPLICANT: Coehler, Ryan
; APPLICANT: Scafe, Charles
; APPLICANT: Schroth, Gary
; TITLE OF INVENTION: THE WHOLE GENOME AMPLIFICATION USING SHORT, UNIVERSAL-TAGGED, OLIGO PRIMERS
; FILE REFERENCE: ABIOS.004A
; CURRENT APPLICATION NUMBER: US/10/151,061
; CURRENT FILING DATE: 2002-05-16
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A site in a synthetic oligonucleotide template
; OTHER INFORMATION: having no significant homology to the human genome.
US-10-151-061-16

Query Match 1.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097
Db 1 AAAAAAAAAAAAAA 14

RESULT 693
US-10-208-357-20
; Sequence 20, Application US/10208357
; Publication No. US20020182687A1
; GENERAL INFORMATION:
; APPLICANT: Kurz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/10/208,357
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US/09/619,103
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-10-208-357-20

Query Match 1.3%; Score 14; DB 1; Length 14;

```

Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
|||||  
Db 1 AAAAAAAAAAAAAA 14

RESULT 694  
US-10-301-844-20  
; Sequence 20, Application US/10301844  
; Publication No. US20030100747A1  
; GENERAL INFORMATION:  
; APPLICANT: Ruddy, David A.  
; Wolfe, Roger K.  
; TITLE OF INVENTION: POLYMORPHISMS IN THE REGION OF THE HUMAN  
; HEMOCHROMATOSIS GENE  
; NUMBER OF SEQUENCES: 26  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: Pennie & Edmonds, LLP  
; STREET: 1155 Avenue of the Americas  
; CITY: New York  
; STATE: NY  
; COUNTRY: USA  
; ZIP: 10036-2811  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: Windows  
; SOFTWARE: FastSeq for Windows Version 2.0b  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/301.844  
; FILING DATE: 20-NOV-2003  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/852,495C  
; FILING DATE: 07-MAY-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Poissant, Brian M  
; REGISTRATION NUMBER: 28,462  
; REFERENCE/DOCKET NUMBER: 8907-0057-999  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 650-493-4935  
; TELEFAX: 650-493-5556  
; TELEX: 66141 PENNIE  
; INFORMATION FOR SEQ ID NO: 20:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 14 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 20:  
US-10-301-844-20

Query Match 1.3%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
|||||  
Db 1 AAAAAAAAAAAAAA 14

RESULT 695  
US-10-227-001-24/C  
; Sequence 24, Application US/10227001  
; Publication No. US20030113765A1  
; GENERAL INFORMATION:  
; APPLICANT: Dempcy, Robert O.  
; APPLICANT: Afonina, Irina Aleksandrovna  
; APPLICANT: Vermeulen, Nicolaas M.J.  
; APPLICANT: Epoch Biosciences, Inc.  
; TITLE OF INVENTION: Hybridization-Triggered Fluorescent

; TITLE OF INVENTION: Detection of Nucleic Acids  
; FILE REFERENCE: 17682A-004210US  
; CURRENT APPLICATION NUMBER: US/10/227,001  
; CURRENT FILING DATE: 2002-08-21  
; PRIOR APPLICATION NUMBER: US 09/428,236  
; PRIOR FILING DATE: 1999-10-26  
; NUMBER OF SEQ ID NOS: 24  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 24  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: 15-mer poly dT-MGB-  
; OTHER INFORMATION: (2-dimethylaminonaphthalene-6-sulfonamide)  
; OTHER INFORMATION: conjugate, poly(dT)-15-MGB-dansyl conjugate  
; FEATURE:  
; NAME/KEY: modified\_base  
; LOCATION: (1)  
; OTHER INFORMATION: n = thymine modified by MGB-  
; OTHER INFORMATION: (2-dimethylaminonaphthalene-6-sulfonamide)  
; OTHER INFORMATION: (dansyl group)  
US-10-227-001-24

Query Match 1.3%; Score 14; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 3.7e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
|||||  
Db 15 AAAAAAAAAAAAAA 2

RESULT 696  
US-09-894-159-64  
; Sequence 64, Application US/09894159  
; Publication No. US20030149237A1  
; GENERAL INFORMATION:  
; APPLICANT: Vernet, Corine  
; APPLICANT: Tchernev, Velizar  
; APPLICANT: Patturjan, Meera  
; APPLICANT: Malyankar, Uriel M  
; APPLICANT: Gusev, Vladimir  
; APPLICANT: Herrmann, John L  
; APPLICANT: MacDougall, John R  
; APPLICANT: Rastelli, Luca  
; APPLICANT: Zhong, Haibong  
; APPLICANT: Spytek, Kimberly A  
; APPLICANT: Shenoy, Suresh  
; APPLICANT: Gerlach, Valerie L  
; APPLICANT: Gangolli, Esha A  
; APPLICANT: Stone, David J  
; APPLICANT: Smithson, Glennda  
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES AND POLYPEPTIDES ENCODED THEREBY  
; FILE REFERENCE: 21402-033  
; CURRENT APPLICATION NUMBER: US/09/894,159  
; CURRENT FILING DATE: 2001-06-27  
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/248,153  
; PRIOR FILING DATE: 2000-11-13  
; PRIOR APPLICATION NUMBER: U.S.S.N 60/261,014  
; PRIOR FILING DATE: 2001-01-11  
; PRIOR APPLICATION NUMBER: U.S.S.N 60/214,759  
; PRIOR FILING DATE: 2000-06-27  
; PRIOR APPLICATION NUMBER: U.S.S.N 60/263,215  
; PRIOR FILING DATE: 2001-01-22  
; PRIOR APPLICATION NUMBER: U.S.S.N 60/244,546  
; PRIOR FILING DATE: 2000-10-31  
; NUMBER OF SEQ ID NOS: 135  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 64  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Homo sapiens

US-09-894-159-64

Query Match 1.3%; Score 14; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 4e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
DB 1 AAAAAAAAAAAAAA 14

RESULT 697

US-08-983-605-377/c  
Sequence 377, Application US/08983605A  
Publication No. US20020066118A1

GENERAL INFORMATION:

APPLICANT: Roder, Marion  
TITLE OF INVENTION: Microsatellite Markers for Plants of the Species  
TITLE OF INVENTION: Triticum aestivum and Tribe Triticeae and the Use of  
TITLE OF INVENTION: Said Markers  
FILE REFERENCE: 2936.10400  
CURRENT APPLICATION NUMBER: US/08/983,605A  
CURRENT FILING DATE: 1998-05-01  
EARLIER APPLICATION NUMBER: DE 195 25 284.5  
EARLIER FILING DATE: 1995-06-28  
NUMBER OF SEQ ID NOS: 466  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 377  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Triticum aestivum

US-08-983-603-377

Query Match 1.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 4.2e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 569 ATCTCGCTGCCTC 582  
DB 15 ATCTCGCTGCCTC 2

RESULT 698

US-10-156-306-526/c  
Sequence 526, Application US/10156306  
Publication No. US20030119017A1

GENERAL INFORMATION:

APPLICANT: Ribozyne Pharmaceuticals, Inc.  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related  
TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
FILE REFERENCE: MBH801-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 526  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens

US-10-156-306-526

Query Match 1.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 4.2e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1082 TTAATAAAAAAAAA 1095  
DB 14 TTAATAAAAAAAAA 1

RESULT 699

US-10-106-799-1/c

Sequence 1, Application US/10106799  
Publication No. US20030140379A1  
GENERAL INFORMATION:  
APPLICANT: Council of Scientific and Industrial Research  
TITLE OF INVENTION: No. US20030140379A1 DNA sequence in plants Caragana jubata wit:  
TITLE OF INVENTION: method thereof  
FILE REFERENCE: US 673  
CURRENT APPLICATION NUMBER: US/10/106,799  
CURRENT FILING DATE: 2002-10-31  
NUMBER OF SEQ ID NOS: 32  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 1  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: T11a anchored primers for differential display  
US-10-106-799-1

Query Match 1.3%; Score 14; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 4.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAAAAAAAAA 1096  
DB 18 TAAAAAAAAAAAAA 5

RESULT 700

US-09-823-887C-5/c  
Sequence 5, Application US/09823887C  
Publication No. US20030180723A1

GENERAL INFORMATION:

APPLICANT: Kumar, Sanjay  
APPLICANT: Lal, Lakhvir  
APPLICANT: Ahuja, Paramvir  
TITLE OF INVENTION: Cloning of No. US20030180723A1 Gene Sequences Expressed and Re:  
TITLE OF INVENTION: Dormancy in the Apical Buds of Tea (Camellia Sinensis L. (O.) K  
FILE REFERENCE: H053916.0001USO  
CURRENT APPLICATION NUMBER: US/09/823,887C  
CURRENT FILING DATE: 2002-04-23  
NUMBER OF SEQ ID NOS: 33  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 5  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: primer\_bind  
US-09-823-887C-5

Query Match 1.3%; Score 14; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 4.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAAAAAAAAA 1096  
DB 18 TAAAAAAAAAAAAA 5

RESULT 701

US-10-109-363-16/c  
Sequence 16, Application US/10109363  
Publication No. US20030196214A1

GENERAL INFORMATION:

APPLICANT: SHARMA, PRITI  
APPLICANT: KUMAR, SANJAY  
APPLICANT: AHUJA, PARAMVIR SINGH  
TITLE OF INVENTION: NOVEL GENES FROM DROUGHT STRESS TOLERANT TEA PLANT AND A  
TITLE OF INVENTION: METHOD OF INTRODUCING WATER-STRESS TOLERANCE  
FILE REFERENCE: 3097-4009  
CURRENT APPLICATION NUMBER: US/10/109,363  
CURRENT FILING DATE: 2002-03-27

; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 16  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Camellia sinensis  
US-10-109-363-16

Query Match 1.3%; Score 14; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 4.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAAAA 1096  
| | | | | | | | | | | | | | | | | |  
Db 18 TAAAAAATAAAAAA 5

## RESULT 702

US-09-854-883-53/c  
; Sequence 53, Application US/09854883  
; Patent No. US20020055479A1  
; GENERAL INFORMATION:

; APPLICANT: Lex M. Cowser  
; APPLICANT: Jacqueline Wyatt  
; APPLICANT: Susan M. Freier  
; APPLICANT: Brett P. Monia  
; APPLICANT: Mageline M. Butler  
; APPLICANT: Robert McKay  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FTPLB EXPRESSION  
; FILE REFERENCE: ISPH-0576  
; CURRENT APPLICATION NUMBER: US/09/854,883  
; CURRENT FILING DATE: 2001-05-14  
; PRIOR APPLICATION NUMBER: US 09/629,644  
; PRIOR FILING DATE: 2000-07-31  
; PRIOR APPLICATION NUMBER: US 09/487,368  
; PRIOR FILING DATE: 2000-01-18  
; NUMBER OF SEQ ID NOS: 389  
; SEQ ID NO 53  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-854-883-53

Query Match 1.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 698 CTTGAGGTGCCCA 711  
| | | | | | | | | | | | | | | | | |  
Db 17 CTTGAGGTGCCCA 4

## RESULT 703

US-09-888-326-737/c  
; Sequence 737, Application US/09888326  
; Publication No. US20030026801A1  
; GENERAL INFORMATION:

; APPLICANT: Weiner, George  
; APPLICANT: Hartmann, Gunther  
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced  
; TITLE OF INVENTION: Cell Lysis and Treating Cancer  
; FILE REFERENCE: C1039/7052 (AWS)  
; CURRENT APPLICATION NUMBER: US/09/888,326  
; PRIOR FILING DATE: 2001-06-22  
; PRIOR APPLICATION NUMBER: US 60/213,346  
; PRIOR FILING DATE: 2000-06-22  
; NUMBER OF SEQ ID NOS: 848  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 737  
; LENGTH: 20  
; TYPE: DNA

; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide  
; NAME/KEY: misc feature  
; LOCATION: (0)-(0)  
; OTHER INFORMATION: phosphorothioate backbone  
US-09-888-326-737

Query Match 1.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAATAAAAAA 1097  
| | | | | | | | | | | | | | | | | |  
Db 20 AAAAAAATAAAAAA 7

## RESULT 704

US-09-776-479-431/c  
; Sequence 431, Application US/09776479  
; Publication No. US20030087848A1  
; GENERAL INFORMATION:  
; APPLICANT: Bratzler, Robert L.  
; APPLICANT: Petersen, Deanna M.  
; APPLICANT: Fouron, Yves  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the  
; FILE REFERENCE: C1037/7013 (HCL/MAT)

; CURRENT APPLICATION NUMBER: US/09/776,479  
; CURRENT FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,991  
; PRIOR FILING DATE: 2000-02-03  
; NUMBER OF SEQ ID NOS: 1093  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 431  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-431

Query Match 1.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAATAAAAAA 1097  
| | | | | | | | | | | | | | | | | |  
Db 20 AAAAAAATAAAAAA 7

## RESULT 705

US-10-127-653-26  
; Sequence 26, Application US/10127653  
; Publication No. US2003016592A1  
; GENERAL INFORMATION:

; APPLICANT: Adra, Chaker  
; APPLICANT: Deichmann, Klaus  
; APPLICANT: Shirakawa, Taro  
; TITLE OF INVENTION: METHOD FOR DETECTING A PREDISPOSITION TO ASTHMA AND  
; TITLE OF INVENTION: ATOPY  
; FILE REFERENCE: 732892/50250  
; CURRENT APPLICATION NUMBER: US/10/127,653  
; CURRENT FILING DATE: 2002-04-22  
; PRIOR APPLICATION NUMBER: US/09/586,303  
; PRIOR FILING DATE: 2000-06-02  
; PRIOR APPLICATION NUMBER: 60/137,705  
; PRIOR FILING DATE: 1999-06-07  
; NUMBER OF SEQ ID NOS: 32  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 26  
; LENGTH: 20  
; TYPE: DNA

US-10-112-653-413

Query Match 1.3%; Score 14; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 5e+02;  
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
 |||||  
 Db 20 AAAAAAAAAAAAAA 7

RESULT 708

US-10-017-995-431/c  
 ; Sequence 431, Application US/10017995  
 ; Publication No. US20030055014A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Bratzler, Robert L.  
 ; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids  
 ; FILE REFERENCE: C10377025 (HCL/MAT)  
 ; CURRENT APPLICATION NUMBER: US/10/017,995  
 ; CURRENT FILING DATE: 2001-12-18  
 ; PRIOR APPLICATION NUMBER: US 60/255,534  
 ; PRIOR FILING DATE: 2000-12-14  
 ; NUMBER OF SEQ ID NOS: 1093  
 ; SOFTWARE: FastSeq for Windows Version 3.0  
 ; SEQ ID NO 431  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic Sequence  
 US-10-017-995-431

Query Match 1.3%; Score 14; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 5e+02;  
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
 |||||  
 Db 20 AAAAAAAAAAAAAA 7

RESULT 709

US-09-866-108-8379/c  
 ; Sequence 8379, Application US/098666108  
 ; Patent No. US20020048800A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AEONICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/006666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/006667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/006664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/006659  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/006655

US-10-127-653-26

Query Match 1.3%; Score 14; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 5e+02;  
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1006 TCGAGATGGGAG 1019  
 |||||  
 Db 3 TCGAGATGGGAG 16

RESULT 706

US-10-360-510-53/c  
 ; Sequence 53, Application US/10360510  
 ; Publication No. US20030220282A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Lex M. Cowsett  
 ; APPLICANT: Jacqueline Wyatt  
 ; APPLICANT: Susan M. Freier  
 ; APPLICANT: Brett P. Monia  
 ; APPLICANT: Madeline M. Butler  
 ; APPLICANT: Robert McKay  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF FTFIB EXPRESSION  
 ; FILE REFERENCE: ISPH-0576  
 ; CURRENT APPLICATION NUMBER: US/10/360,510  
 ; CURRENT FILING DATE: 2003-02-07  
 ; PRIOR APPLICATION NUMBER: US/09/354,883  
 ; PRIOR FILING DATE: 2001-05-14  
 ; PRIOR APPLICATION NUMBER: US 09/629,644  
 ; PRIOR FILING DATE: 2000-07-31  
 ; PRIOR APPLICATION NUMBER: US 09/487,368  
 ; PRIOR FILING DATE: 2000-01-18  
 ; NUMBER OF SEQ ID NOS: 389  
 ; SEQ ID NO 53  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Antisense Oligonucleotide  
 US-10-360-510-53

Query Match 1.3%; Score 14; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 5e+02;  
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 698 CTTGAGGTGCCA 711  
 |||||  
 Db 17 CTTGAGGTGCCA 4

RESULT 707

US-10-112-653-413/c  
 ; Sequence 413, Application US/10112653  
 ; Publication No. US20030050268A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Krieg, Arthur M.  
 ; APPLICANT: Berg, Daniel J.  
 ; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR  
 ; TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES  
 ; FILE REFERENCE: C01039/70060(AWS)  
 ; CURRENT APPLICATION NUMBER: US/10/112,653  
 ; CURRENT FILING DATE: 2002-03-29  
 ; PRIOR APPLICATION NUMBER: US 60/279,642  
 ; PRIOR FILING DATE: 2001-03-29  
 ; NUMBER OF SEQ ID NOS: 1040  
 ; SOFTWARE: FastSeq for Windows Version 3.0  
 ; SEQ ID NO 413  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic Oligonucleotide

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aomica Sequence Listing Engine
; SEQ ID NO 8379
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8379

Query Match 1.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 405 CTGCTCCAGCGGCTCT 421
| | | | | | | | | | | | | | | | |
Db 17 CTGCTCCAGCGGCTGT 1

RESULT 710
; Sequence 8381, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aomica Sequence Listing Engine
; SEQ ID NO 8382
; LENGTH: 17
; TYPE: DNA

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aomica Sequence Listing Engine
; SEQ ID NO 8381
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8381

Query Match 1.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 403 CCTGCTCCAGCGCT 419
| | | | | | | | | | | | | | | | |
Db 17 CTCGCTCCAGCTGGCT 1

RESULT 711
US-09-866-108-8382/c
; Sequence 8382, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aomica Sequence Listing Engine
; SEQ ID NO 8382
; LENGTH: 17
; TYPE: DNA

US-09-866-108-8382

ORGANISM: Homo sapiens

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 402 ACCCTGCTCCAGCAGC 418  
17 ACTCTGCTCCAGCTGC 1

Db

RESULT 712

US-09-866-108-8383/c

Sequence 8383, Application US/09866108

Patent No. US20020048800A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOmica-7

CURRENT APPLICATION NUMBER: US 60/207,456

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00662

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00661

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 60/234,687

PRIOR FILING DATE: 2000-09-21

PRIOR APPLICATION NUMBER: US 60/266,860

PRIOR FILING DATE: 2001-02-05

NUMBER OF SEQ ID NOS: 15752

SOFTWARE: AeoMica Sequence Listing Engine

SEQ ID NO 8383

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108-8383

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 401 CACCTGCTCCAGCAGC 417  
17 CACTCTGCTCCAGCTGC 1

Db

RESULT 714

US-09-827-998-484

Sequence 484, Application US/09827998

Patent No. US20020102252A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E

FILE REFERENCE: MDMORF-8  
CURRENT APPLICATION NUMBER: US/09/327,998  
PRIOR FILING DATE: 2001-04-06  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
NUMBER OF SEQ ID NOS: 1891  
SOFTWARE: Reomica Sequence Listing Engine  
SEQ ID NO 484  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-827-998-484

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100  
Db 1 AAAAAAAAAAGAGAAA 17

RESULT 715  
US-09-263-959-744  
Sequence 744, Application US/09263959  
Patent No. US20020150891A1  
GENERAL INFORMATION:  
APPLICANT: Hood, Leroy E.  
APPLICANT: Koop, Ben F.  
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI  
NUMBER OF SEQUENCES: 1279  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Seed and Berry LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: US  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
FILING DATE: 05-MAR-1999  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: McMaisters, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 920010.426C2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 744:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-263-959-744

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100  
Db 1 AAAAAAAAAATATAA 17

RESULT 716  
US-09-825-805-558/c  
Sequence 558, Application US/09825805  
Publication No. US20030004122A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Beigelman, Leo  
APPLICANT: Beaudry, Amber  
APPLICANT: Karpeisky, Alex  
APPLICANT: Adamic, Jasenka Matulic  
APPLICANT: Sweedler, Dave  
APPLICANT: Zinnen, Shawn  
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
FILE REFERENCE: MBH00-831-F (400/009)  
CURRENT APPLICATION NUMBER: US/09/825,805  
CURRENT FILING DATE: 2001-09-27  
PRIOR APPLICATION NUMBER: 09/578,223  
PRIOR FILING DATE: 2000-05-23  
PRIOR APPLICATION NUMBER: 09/476,387  
PRIOR FILING DATE: 1999-12-30  
PRIOR APPLICATION NUMBER: 09/474,432  
PRIOR FILING DATE: 1999-12-29  
PRIOR APPLICATION NUMBER: 09/301,511  
PRIOR FILING DATE: 1999-04-28  
PRIOR APPLICATION NUMBER: 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: 60/083,727  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/064,866  
PRIOR FILING DATE: 1997-11-05  
NUMBER OF SEQ ID NOS: 1558  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 558  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-825-805-558

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1083 TAAAAAAAAAAAAAAAAA 1099  
Db 17 TAAAAAAAAACAAACAA 1

RESULT 717  
US-09-961-077-147  
Sequence 147, Application US/09961077  
Publication No. US20030014775A1  
GENERAL INFORMATION:  
APPLICANT: Zwick, Michael G.  
Edington, Brent E.  
McSwiggen, James A.  
Merlo, Patricia Ann Owens  
Guo, Lining  
Skokut, Thomas A.  
Young, Scott A.  
Folkerts, Otto  
Merlo, Donald J.  
TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
IN PLANTS  
NUMBER OF SEQUENCES: 1263  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.

ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/961,077  
FILING DATE: 21-Sep-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/679,645  
FILING DATE: July 12, 1996  
APPLICATION NUMBER: 60/001,135  
FILING DATE: July 13, 1995  
APPLICATION NUMBER: 08/300,726  
FILING DATE: September 2, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 219/247  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 147:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: linear  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 147:  
US-09-961-077-147

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;  
QY 776 GAAGAAGTGTGAGCGCA 792  
DB 1 GAAGAAGUCGAGCGCA 17

RESULT 718  
US-09-818-875-983  
; Sequence 983, Application US/09818875  
; Publication No. US20030051270A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/09/818,875  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 983  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-818-875-983

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1079 CTATTAAAAAAGAAAA 1095  
DB 1 CTATTAAAGAAAGAAAA 17  
RESULT 719  
US-09-818-875-984/c  
; Sequence 984, Application US/09818875  
; Publication No. US20030051270A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/09/818,875  
; CURRENT FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 984  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-818-875-984

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1079 CTATTAAAAAAGAAAA 1095  
DB 17 CTATTAAAGAAAGAAAA 1

RESULT 720  
US-09-784-674-111  
; Sequence 111, Application US/09784674  
; Publication No. US20030054346A1  
; GENERAL INFORMATION:  
; APPLICANT: Shannon, Karen W.  
; APPLICANT: Wolber, Paul K.  
; APPLICANT: Delenstar, Glenda C.  
; APPLICANT: Webb, Peter G.  
; APPLICANT: Kincaid, Robert H.  
; TITLE OF INVENTION: Methods for evaluating oligonucleotide  
; NUMBER OF SEQUENCES: 1165  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard  
; COMPANY M/S 2080  
; STREET: 3000 Hanover Street  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94304  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/784,674  
; FILING DATE: 15-Feb-2001  
; CLASSIFICATION: No. US20030054346A1 available  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/021,701  
; FILING DATE: 10-FEB-1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Choi, Wendy A.  
; REGISTRATION NUMBER: 36,697  
; REFERENCE/DOCKET NUMBER: 10971464-1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 650-236-2386  
; TELEFAX: 650-852-8063  
; INFORMATION FOR SEQ ID NO: 111:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHEetical: NO  
; ANTI-SENSE: NO  
; SEQUENCE DESCRIPTION: SEQ ID NO: 111:  
US-09-784-674-111

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 133 TGTCTGCTTTGGGGCT 149  
|||||  
DB 1 TGTCTGCTTTGGGGAT 17

RESULT 721  
US-09-780-533A-2484  
; Sequence 2484, Application US/09780533A  
; Publication No. US20030060611A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Chowirika, Bharat  
; APPLICANT: Haerberli, Pete  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene  
; FILE REFERENCE: MBH00,878-A (400/011)  
; CURRENT APPLICATION NUMBER: US/09/780,533A  
; CURRENT FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: US 60/181,797  
; FILING DATE: 2000-02-11  
; NUMBER OF SEQ ID NOS: 6679  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2484  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-780-533A-2484

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 4.6e+02;  
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1008 GAGAATGGGAAGTGTA 1024  
|||||  
DB 1 GAGUAUGGAGAGUGAAA 17

RESULT 722  
US-09-776-474-441/c  
; Sequence 441, Application US/09776474  
; Publication No. US20030087847A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; FILE REFERENCE: RPI 400/003

; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: Bocher, Robert  
; APPLICANT: Holman, Patricia  
; APPLICANT: Fattaey, Ali  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK  
; TITLE OF INVENTION: Enzyme  
; FILE REFERENCE: MBH00-955-A (400/008)  
; CURRENT APPLICATION NUMBER: US/09/776,474  
; CURRENT FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,983  
; PRIOR FILING DATE: 2000-03-02  
; NUMBER OF SEQ ID NOS: 2992  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 441  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-776-474-441

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 326 AGAAGCTGTGGAGCAAC 342  
|||||  
DB 17 AGAAGTCTCGAGCAAC 1

RESULT 723  
US-09-740-332-2165  
; Sequence 2165, Application US/09740332  
; Publication No. US20030125270A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; TITLE OF INVENTION: Hepatitis C Virus Infection  
; FILE REFERENCE: RPI 400/003  
; CURRENT APPLICATION NUMBER: US/09/740,332  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9704  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2165  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-740-332-2165

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 4.6e+02;  
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 263 CAGGAGCACCTTCAGAA 279  
|||||  
DB 1 CAGAGCACACUUGAGAA 17

RESULT 724  
US-09-740-332-2390/c  
; Sequence 2390, Application US/09740332  
; Publication No. US20030125270A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; TITLE OF INVENTION: Hepatitis C Virus Infection  
; FILE REFERENCE: RPI 400/003

; CURRENT APPLICATION NUMBER: US/09/740,332  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9704  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2390  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-740-332-2390

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 264 AGGAGCACTTCAGAAA 280  
Db 17 AGGAGCACTTCAGAAA 1

RESULT 725  
US-09-792-818-386/c  
; Sequence 386, Application US/09792818  
; Publication No. US20030134806A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: Von Carlowitz, Ira  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Hamblin, Paul  
; APPLICANT: Ellis, Jonathan  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse  
; FILE REFERENCE: (GRID) Gene  
; FILE REFERENCE: MEHB00-901-A (400/013)  
; CURRENT APPLICATION NUMBER: US/09/792,818  
; CURRENT FILING DATE: 2001-02-23  
; NUMBER OF SEQ ID NOS: 2304  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 386  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-792-818-386

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 138 GCTTTGGGGGCTGCAGC 154  
Db 17 GCTTTGGGGGCTGCAGC 1

RESULT 726  
US-09-792-818-387/c  
; Sequence 387, Application US/09792818  
; Publication No. US20030134806A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: Von Carlowitz, Ira  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Hamblin, Paul  
; APPLICANT: Ellis, Jonathan  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse  
; FILE REFERENCE: (GRID) Gene  
; FILE REFERENCE: MEHB00-901-A (400/013)  
; CURRENT APPLICATION NUMBER: US/09/792,818  
; CURRENT FILING DATE: 2001-02-23  
; NUMBER OF SEQ ID NOS: 2304

; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 387  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-792-818-387

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 137 TGCTTTGGGGGCTGCAGC 153  
Db 17 TGCTTTGGGGGCTGCAGC 1

RESULT 727  
US-09-817-879-2165  
; Sequence 2165, Application US/09817879  
; Publication No. US20030171311A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; FILE REFERENCE: Hepatitis C Virus Infection  
; FILE REFERENCE: MEHB00-801-F  
; CURRENT APPLICATION NUMBER: US/09/817,879  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9703  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2165  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-817-879-2165

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 4.6e+02;  
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 263 CAGGAGCACTTCAGAA 279  
Db 1 CAGGAGCACTTCAGAA 17

RESULT 728  
US-09-817-879-2390/c  
; Sequence 2390, Application US/09817879  
; Publication No. US20030171311A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; FILE REFERENCE: Hepatitis C Virus Infection  
; FILE REFERENCE: MEHB00-801-F  
; CURRENT APPLICATION NUMBER: US/09/817,879  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9703  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2390  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-817-879-2390

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 264 AGGAGCACCTTCAGAAA 280  
 |||||  
 Db 17 AGGAGCAACTTCAGAAA 1

RESULT 729  
 US-10-230-006-758/c  
 ; Sequence 758, Application US/10230006  
 ; Publication No. US20030191077A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Fosnaugh, Kathy  
 ; APPLICANT: McSwigen, Jim  
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC COND  
 ; FILE REFERENCE: 400/056 (MEH01-1110)  
 ; CURRENT APPLICATION NUMBER: US/10/230,006  
 ; CURRENT FILING DATE: 2002-11-18  
 ; PRIOR APPLICATION NUMBER: US 60/315,315  
 ; PRIOR FILING DATE: 2001-08-28  
 ; NUMBER OF SEQ ID NOS: 2678  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 758  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-10-230-006-758

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
 Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 34 CCTCCAGGTGCAGAGG 50  
 |||||  
 Db 17 CCTCCAGGTGCAGAGG 1

RESULT 730  
 US-10-230-006-759/c  
 ; Sequence 759, Application US/10230006  
 ; Publication No. US20030191077A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Fosnaugh, Kathy  
 ; APPLICANT: McSwigen, Jim  
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC COND  
 ; FILE REFERENCE: 400/056 (MEH01-1110)  
 ; CURRENT APPLICATION NUMBER: US/10/230,006  
 ; CURRENT FILING DATE: 2002-11-18  
 ; PRIOR APPLICATION NUMBER: US 60/315,315  
 ; PRIOR FILING DATE: 2001-08-28  
 ; NUMBER OF SEQ ID NOS: 2678  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 759  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-10-230-006-759

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
 Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 33 TCCTCCAGGTGCAGAGG 49  
 |||||  
 Db 17 TCCTCCAGGTGCAGAGG 1

RESULT 731  
 US-10-209-787-983  
 ; Sequence 983, Application US/10209787  
 ; Publication No. US20030217377A1

GENERAL INFORMATION:  
 ; APPLICANT: Kmiec, Eric B.  
 ; APPLICANT: Gamper, Howard B.  
 ; APPLICANT: Rice, Michael C.  
 ; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
 ; TITLE OF INVENTION: Stranded Oligonucleotides  
 ; FILE REFERENCE: Napro-4  
 ; CURRENT APPLICATION NUMBER: US/10/209,787  
 ; CURRENT FILING DATE: 2002-07-30  
 ; PRIOR APPLICATION NUMBER: US 09/818,875  
 ; PRIOR FILING DATE: 2001-03-27  
 ; PRIOR APPLICATION NUMBER: US 60/192,176  
 ; PRIOR FILING DATE: 2000-03-27  
 ; PRIOR APPLICATION NUMBER: US 60/192,179  
 ; PRIOR FILING DATE: 2000-03-27  
 ; PRIOR APPLICATION NUMBER: US 60/208,538  
 ; PRIOR FILING DATE: 2000-06-01  
 ; PRIOR APPLICATION NUMBER: US 60/244,989  
 ; PRIOR FILING DATE: 2000-10-30  
 ; NUMBER OF SEQ ID NOS: 4385  
 ; SOFTWARE: Friedman macro Napro4  
 ; SEQ ID NO 983  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-10-209-787-983

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
 Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1079 CTATTAAGAGAGAGAAA 1095  
 |||||  
 Db 1 CTATTAAGAGAGAGAAA 17

RESULT 732  
 US-10-209-787-984/c  
 ; Sequence 984, Application US/10209787  
 ; Publication No. US20030217377A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Kmiec, Eric B.  
 ; APPLICANT: Gamper, Howard B.  
 ; APPLICANT: Rice, Michael C.  
 ; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
 ; TITLE OF INVENTION: Stranded Oligonucleotides  
 ; FILE REFERENCE: Napro-4  
 ; CURRENT APPLICATION NUMBER: US/10/209,787  
 ; CURRENT FILING DATE: 2002-07-30  
 ; PRIOR APPLICATION NUMBER: US 09/818,875  
 ; PRIOR FILING DATE: 2001-03-27  
 ; PRIOR APPLICATION NUMBER: US 60/192,176  
 ; PRIOR FILING DATE: 2000-03-27  
 ; PRIOR APPLICATION NUMBER: US 60/192,179  
 ; PRIOR FILING DATE: 2000-03-27  
 ; PRIOR APPLICATION NUMBER: US 60/208,538  
 ; PRIOR FILING DATE: 2000-06-01  
 ; PRIOR APPLICATION NUMBER: US 60/244,989  
 ; PRIOR FILING DATE: 2000-10-30  
 ; NUMBER OF SEQ ID NOS: 4385  
 ; SOFTWARE: Friedman macro Napro4  
 ; SEQ ID NO 984  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-10-209-787-984

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
 Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1079 CTATTAAGAGAGAGAAA 1095  
 |||||

Db 17 CTATTAAGAAAGAAAA 1

RESULT 733

US-10-203-224-20/c

Sequence 20, Application US/10203224

Publication No. US20030086945A1

GENERAL INFORMATION:

APPLICANT: COLLINS, James E.

APPLICANT: FAABERG, Kay S.

TITLE OF INVENTION: PROLINE REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS AND METHODS OF USE

FILE REFERENCE: 110.01250101

CURRENT APPLICATION NUMBER: US/10/203,224

CURRENT FILING DATE: 2002-08-07

PRIOR APPLICATION NUMBER: PCT/US01/04351

PRIOR FILING DATE: 2001-02-08

PRIOR APPLICATION NUMBER: 60/181,041

PRIOR FILING DATE: 2000-02-08

PRIOR APPLICATION NUMBER: 60/193,220

PRIOR FILING DATE: 2000-03-30

PRIOR APPLICATION NUMBER: 60/206,624

PRIOR FILING DATE: 2000-05-24

PRIOR APPLICATION NUMBER: 60/215,373

PRIOR FILING DATE: 2000-06-29

PRIOR APPLICATION NUMBER: 60/260,041

PRIOR FILING DATE: 2001-01-05

NUMBER OF SEQ ID NOS: 21

SOFTWARE: Patent in Ver. 2.1

SEQ ID NO 20

LENGTH: 17

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE: Description of Artificial Sequence: primer

US-10-203-224-20

Query Match 1.3%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 4.6e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 260 AGACGAGCAGCCTTCA 276

Db 17 AGACGAGCAGCCTTCA 1

RESULT 734

US-10-163-552-985/c

Sequence 985, Application US/10163552

Publication No. US20030105051A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: McSwiggen, Jim

TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level

FILE REFERENCE: MEHB01-1653-A (400/014)

CURRENT APPLICATION NUMBER: US/10/163,552

CURRENT FILING DATE: 2002-06-06

NUMBER OF SEQ ID NOS: 1997

SOFTWARE: Patent in version 3.0

SEQ ID NO 985

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-10-163-552-985

Query Match 1.3%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 4.6e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1083 TAAAAAAGAAAAA 1099

Db 17 TAAAAAAGAAAAA 1

RESULT 735

US-10-156-306-517/c

Sequence 517, Application US/10156306

Publication No. US20030119017A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: McSwiggen, James

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat

FILE REFERENCE: MEHB01-664-A (400/050)

CURRENT APPLICATION NUMBER: US/10/156,306

CURRENT FILING DATE: 2002-05-28

NUMBER OF SEQ ID NOS: 8013

SOFTWARE: Patent in version 3.0

SEQ ID NO 517

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-10-156-306-517

Query Match 1.3%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 4.6e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1084 AAAAAAAGAAAAA 1100

Db 17 AAAAAAAGAAAAA 1

RESULT 736

US-10-156-306-518/c

Sequence 518, Application US/10156306

Publication No. US20030119017A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: McSwiggen, James

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat

FILE REFERENCE: MEHB01-664-A (400/050)

CURRENT APPLICATION NUMBER: US/10/156,306

CURRENT FILING DATE: 2002-05-28

NUMBER OF SEQ ID NOS: 8013

SOFTWARE: Patent in version 3.0

SEQ ID NO 518

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-10-156-306-518

Query Match 1.3%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 4.6e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1084 AAAAAAAGAAAAA 1100

Db 17 AAAAAAAGAAAAA 1

RESULT 737

US-10-156-306-519/c

Sequence 519, Application US/10156306

Publication No. US20030119017A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: McSwiggen, James

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat

FILE REFERENCE: MEHB01-664-A (400/050)

CURRENT APPLICATION NUMBER: US/10/156,306

CURRENT FILING DATE: 2002-05-28

; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 519  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-519

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
|||  
DB 17 AAAAAAAAAAAGATA 1

## RESULT 738

US-10-156-306-2399/c  
; Sequence 2399, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
; FILE REFERENCE: Levels of IKK-Gamma and PKR  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 2399  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-2399

Query Match 1.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 997 GTCGAGCTGAGAAAT 1013  
|||  
DB 17 GCTGAGGAGGAGAAAT 1

## RESULT 739

US-09-969-373-4310/c  
; Sequence 4310, Application US/09969373  
; Patent No. US20020133852A1  
; GENERAL INFORMATION:  
; APPLICANT: Eifert, Roger J.  
; APPLICANT: Hauge, Brian M.  
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping  
; FILE REFERENCE: 38-10(52679)A  
; CURRENT APPLICATION NUMBER: US/09/969,373  
; CURRENT FILING DATE: 2001-10-02  
; PRIOR APPLICATION NUMBER: US 09/754,853  
; PRIOR FILING DATE: 2001-01-05  
; PRIOR APPLICATION NUMBER: US 09/760,427  
; PRIOR FILING DATE: 2001-01-13  
; PRIOR APPLICATION NUMBER: US 09/855,768  
; PRIOR FILING DATE: 2001-05-15  
; NUMBER OF SEQ ID NOS: 4593  
; SEQ ID NO 4310  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Glycine max  
US-09-969-373-4310

Query Match 1.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 4.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 322 GCAGAGAAGCTGTGAG 338  
|||  
DB 18 GCAGAGAAGCTGCAGAG 2

## RESULT 740

US-09-728-574-2  
; Sequence 2, Application US/09728574  
; Patent No. US20020137036A1  
; GENERAL INFORMATION:  
; APPLICANT: Stratagene  
; TITLE OF INVENTION: Methods for Detection of a Target Nucleic Acid By Capture  
; FILE REFERENCE: 25436/1660  
; CURRENT APPLICATION NUMBER: US/09/728,574  
; CURRENT FILING DATE: 2000-11-30  
; PRIOR APPLICATION NUMBER: US 09/728574  
; PRIOR FILING DATE: 2000-11-30  
; NUMBER OF SEQ ID NOS: 49  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 2  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: cleavage product of oligonucleotide Heltest4  
; NAME/KEY: cleavage product of oligonucleotide Heltest4  
; LOCATION: (1)...(18)  
US-09-728-574-2

Query Match 1.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 4.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
|||  
DB 1 AAAAAAAAAAAAAAAAAA 17

## RESULT 741

US-09-263-959-716/c  
; Sequence 716, Application US/09263959  
; Patent No. US2002015891A1  
; GENERAL INFORMATION:  
; APPLICANT: Hood, Leroy E.  
; APPLICANT: Rowen, Lee  
; APPLICANT: Koop, Ben F.  
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTILIZE  
; NUMBER OF SEQUENCES: 1279  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Seed and Berry LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: US  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/263,959  
; FILING DATE: 05-MAR-1999  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: McWaters, David D.  
; REGISTRATION NUMBER: 33,963  
; REFERENCE/DOCKET NUMBER: 920010.426C2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 716:



```

; ORGANISM: Homo sapiens
US-10-388-281-24

Query Match      1.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 920 CAGCGGGACTTCAGGT 936
      |||||
Db 1 CAGCGGGAGGTTTCAGGT 17

RESULT 746
US-10-188-404-32/c
; Sequence 32, Application US/10188404
; Publication No. US20030105286A1
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Neilsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dueholm, Kim L.
; APPLICANT: Christensen, Leif
; APPLICANT: Coull, James M.
; APPLICANT: Kiely, John
; APPLICANT: Griffith, Michael
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISIS5042
; CURRENT APPLICATION NUMBER: US/10/188,404
; PRIOR FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: 08/275,951
; PRIOR FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/765,798
; PRIOR FILING DATE: 1997-04-23
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 32
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (9)..(10)
; OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine,
; OTHER INFORMATION: Amino Hexanoic Acid, Lysine Linkage
US-10-188-404-33

Query Match      1.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
      |||||
Db 18 AAAGAGAAAAAGAAA 2

RESULT 748
US-10-216-122-113
; Sequence 113, Application US/10216122
; Publication No. US20030121063A1
; GENERAL INFORMATION:
; APPLICANT: Kazanian, Haig H.
; APPLICANT: Osterag, Eric
; APPLICANT: DeBerardinis, Ralph
; TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE OF MAMMALIAN RETROTRANSPOSONS
; FILE REFERENCE: 053893-5006-03
; CURRENT APPLICATION NUMBER: US/10/216,122
; CURRENT FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 09/653,812
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: US 08/847,844
; PRIOR FILING DATE: 1997-04-28
; PRIOR APPLICATION NUMBER: US 08/749,805
; PRIOR FILING DATE: 1996-11-15
; PRIOR APPLICATION NUMBER: US 60/006,831
; PRIOR FILING DATE: 1995-11-16
; NUMBER OF SEQ ID NOS: 154
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 113
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-216-122-113

Query Match      1.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1079 CTATTAAAAA 1095
      |||||
Db 2 CTATTAAAAAGGAAAA 18

RESULT 749
US-09-825-155-5
; Sequence 5, Application US/09825155
; Publication No. US20030100032A1
; GENERAL INFORMATION:
; APPLICANT: Altaba, Ariel Ruiz
; TITLE OF INVENTION: METHODS AND MATERIALS FOR THE DIAGNOSIS AND TREATMENT

```

; TITLE OF INVENTION: OF SPORADIC BASAL CELL CARCINOMA  
; FILE REFERENCE: 1049-1-008N  
; CURRENT APPLICATION NUMBER: US/09/825,155  
; CURRENT FILING DATE: 2001-04-03  
; PRIOR APPLICATION NUMBER: 09/102,491  
; PRIOR FILING DATE: 1998-06-22  
; PRIOR APPLICATION NUMBER: 60/050,286  
; PRIOR FILING DATE: 1997-06-20  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 5  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-09-825-155-5

Query Match 1.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 5.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 462 GAAGAGCTCAGGAAGT 478  
Db 1 GAAGATCTCAGGAAGT 17  
|||||

RESULT 750  
US-10-224-005-26  
; Sequence 26, Application US/10224005  
; Publication No. US20030143732A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; APPLICANT: Fosnaugh, Kathy  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Adenosine A1 Receptor (AD  
; FILE REFERENCE: 900/041 (VHB01-1110-A)  
; CURRENT APPLICATION NUMBER: US/10/224,005  
; CURRENT FILING DATE: 2002-08-20  
; PRIOR APPLICATION NUMBER: US 60/315,315  
; PRIOR FILING DATE: 2001-08-28  
; NUMBER OF SEQ ID NOS: 347  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 26  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense  
US-10-224-005-26

Query Match 1.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 70.8%; Pred. No. 5.1e+02;  
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 700 TCGAGGTGCCCATAGCC 716  
Db 2 UCGAGGUGCUCAUGGCC 18  
|||||

RESULT 751  
US-10-224-005-187/c  
; Sequence 187, Application US/10224005  
; Publication No. US20030143732A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; APPLICANT: Fosnaugh, Kathy  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Adenosine A1 Receptor (AD  
; FILE REFERENCE: 900/041 (VHB01-1110-A)  
; CURRENT APPLICATION NUMBER: US/10/224,005

; CURRENT FILING DATE: 2002-08-20  
; PRIOR APPLICATION NUMBER: US 60/315,315  
; PRIOR FILING DATE: 2001-08-28  
; NUMBER OF SEQ ID NOS: 347  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 187  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
US-10-224-005-187

Query Match 1.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 5.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 700 TCGAGGTGCCCATAGCC 716  
Db 18 TCGAGGTGCTCATCGCC 2  
|||||

RESULT 752  
US-10-251-117-218/c  
; Sequence 218, Application US/10251117  
; Publication No. US20030170891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor  
; FILE REFERENCE: 900/042 (MEHB02-468-A)  
; CURRENT APPLICATION NUMBER: US/10/251,117  
; CURRENT FILING DATE: 2003-02-24  
; PRIOR APPLICATION NUMBER: US 60/393,924  
; PRIOR FILING DATE: 2002-07-03  
; PRIOR APPLICATION NUMBER: US 10/163,852  
; PRIOR FILING DATE: 2002-06-06  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 09/916,466  
; PRIOR FILING DATE: 2001-07-25  
; PRIOR APPLICATION NUMBER: US 60/296,249  
; PRIOR FILING DATE: 2001-06-06  
; NUMBER OF SEQ ID NOS: 1213  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 218  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense  
US-10-251-117-218

Query Match 1.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 5.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 811 ACCCTGGTACTGTGGGT 827  
Db 18 ACCCAGGTACTGTGGGT 2  
|||||

RESULT 753  
US-10-251-117-467  
; Sequence 467, Application US/10251117  
; Publication No. US20030170891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor  
; FILE REFERENCE: 900/042 (MEHB02-468-A)  
; CURRENT APPLICATION NUMBER: US/10/251,117

CURRENT APPLICATION NUMBER: US/10/251,117
CURRENT FILING DATE: 2003-02-24
PRIORITY APPLICATION NUMBER: US 60/393,924
PRIORITY FILING DATE: 2002-07-03
PRIORITY APPLICATION NUMBER: US 10/163,552
PRIORITY FILING DATE: 2002-06-06
PRIORITY APPLICATION NUMBER: US 60/358,580
PRIORITY FILING DATE: 2002-02-20
PRIORITY APPLICATION NUMBER: US 09/916,466
PRIORITY FILING DATE: 2001-07-25
PRIORITY APPLICATION NUMBER: US 60/296,249
PRIORITY FILING DATE: 2001-06-06
NUMBER OF SEQ ID NOS: 1213
SOFTWARE: Patent in version 3.0
SEQ ID NO 467
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-467

Query Match 1.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 64.7%; Pred. No. 5.1e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 811 ACCCTGGTACTGTGGT 827
DB 2 ACCGAGGACUCUGGU 18

RESULT 754
US-10-225-023-196
Sequence 196, Application US/10225023
Publication No. US20030175950A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Using
FILE REFERENCE: 400/054 (MEHB01-665-B)
CURRENT APPLICATION NUMBER: US/10/225,023
CURRENT FILING DATE: 2003-01-06
PRIORITY APPLICATION NUMBER: US 60/398,036
PRIORITY FILING DATE: 2002-07-23
PRIORITY APPLICATION NUMBER: US 60/294,140
PRIORITY FILING DATE: 2002-05-29
PRIORITY APPLICATION NUMBER: US 10/157,560
PRIORITY FILING DATE: 2002-05-29
NUMBER OF SEQ ID NOS: 1494
SOFTWARE: Patent in version 3.0
SEQ ID NO 196
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-225-023-196

Query Match 1.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 76.5%; Pred. No. 5.1e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1001 GAGGCTGGAGATGGGA 1017
DB 3 GAAGCUGCAGAUUGGA 19

RESULT 755
US-10-225-023-934/c
Sequence 934, Application US/10225023
Publication No. US20030175950A1
GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Using
FILE REFERENCE: 400/054 (MEHB01-665-B)
CURRENT APPLICATION NUMBER: US/10/225,023
CURRENT FILING DATE: 2003-01-06
PRIORITY APPLICATION NUMBER: US 60/398,036
PRIORITY FILING DATE: 2002-07-23
PRIORITY APPLICATION NUMBER: US 60/294,140
PRIORITY FILING DATE: 2002-05-29
PRIORITY APPLICATION NUMBER: US 10/157,580
PRIORITY FILING DATE: 2002-05-29
NUMBER OF SEQ ID NOS: 1494
SOFTWARE: Patent in version 3.0
SEQ ID NO 934
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-225-023-934

Query Match 1.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1001 GAGGCTGGAGATGGGA 1017
DB 17 GAAGCTCCAGATGGGA 1

RESULT 756
US-09-504-231A-1244/c
Sequence 1244, Application US/09504231A
Patent No. US20020013458A1
GENERAL INFORMATION:
APPLICANT: Blatt, Lawrence
APPLICANT: McSwiggen, James
APPLICANT: Roberts, Beth
APPLICANT: Pavco, Pamela
APPLICANT: Macejak, Dennis
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELAT
TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
FILE REFERENCE: IPI 247/282
CURRENT APPLICATION NUMBER: US/09/504,231A
CURRENT FILING DATE: 2000-02-15
PRIORITY APPLICATION NUMBER: 09/274,553
PRIORITY FILING DATE: 1999-03-23
PRIORITY APPLICATION NUMBER: 09/257,608
PRIORITY FILING DATE: 1999-02-24
PRIORITY APPLICATION NUMBER: 60/100,842
PRIORITY FILING DATE: 1998-09-18
PRIORITY APPLICATION NUMBER: 60/083,217
PRIORITY FILING DATE: 1998-04-27
NUMBER OF SEQ ID NOS: 3242
SOFTWARE: Patent in version 3.0
SEQ ID NO 1244
LENGTH: 15
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-1244

Query Match 1.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 4.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 772 TGGAGAAGAAGTGTG 786
DB 15 TGGAGAAGAAGTGTG 1

```

US-09-805-296D-12
Query Match      1.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. NO. 4.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels

QY      1084 AAAAAAAAAAAAAA 1098
      ||||| |||||
DB      15 AAAAAAGAAAAAA 1

RESULT 759
US-10-051-436-12/c
; Sequence 12, Application US/10051436
; Publication No. US20030138045A1
; GENERAL INFORMATION:
; APPLICANT: Active Motif
; APPLICANT: Efimov, Vladimir
; APPLICANT: Fernandez, Joseph
; APPLICANT: Archdeacon, Dorothy
; APPLICANT: Archdeacon, John
; APPLICANT: Chakhmakhcheau, Oksana
; APPLICANT: Buryakova, Alla
; APPLICANT: Choob, Mikhail
; APPLICANT: Hondorp, Kyle
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS
; FILE REFERENCE: AM102.F.1.US
; CURRENT APPLICATION NUMBER: US/10/051,436
; CURRENT FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: US 60/189,190
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/250,334
; PRIOR FILING DATE: 2000-11-30
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; NAME/KEY: misc feature
; OTHER INFORMATION: Synthetic Sequence
US-10-051-436-12

Query Match      1.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. NO. 4.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels

QY      1084 AAAAAAAAAAAAAA 1098
      ||||| |||||
DB      15 AAAAAAGAAAAAA 1

RESULT 760
US-10-072-975-12/c
; Sequence 12, Application US/10072975
; Publication No. US20030059789A1
; GENERAL INFORMATION:
; APPLICANT: Active Motif
; APPLICANT: Efimov, Vladimir
; APPLICANT: Fernandez, Joseph
; APPLICANT: Archdeacon, Dorothy
; APPLICANT: Archdeacon, John
; APPLICANT: Chakhmakhcheau, Oksana
; APPLICANT: Buryakova, Alla
; APPLICANT: Choob, Mikhail
; APPLICANT: Hondorp, Kyle
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS
; FILE REFERENCE: AM102.F.1.US
; CURRENT APPLICATION NUMBER: US/10/072,975
; CURRENT FILING DATE: 2002-02-09
; PRIOR APPLICATION NUMBER: US 60/189,190
; PRIOR FILING DATE: 2000-03-14

```

;; PRIOR APPLICATION NUMBER: US 60/250,334  
;; PRIOR FILING DATE: 2000-11-30  
;; PRIOR APPLICATION NUMBER: 09/805,296  
;; PRIOR FILING DATE: 2001-03-13  
;; PRIOR APPLICATION NUMBER: PCT/US01/0811  
;; PRIOR FILING DATE: 2001-03-13  
;; NUMBER OF SEQ ID NOS: 36  
;; SOFTWARE: PatentIn version 3.1  
;; SEQ ID NO 12  
;; LENGTH: 15  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Synthetic Construct  
;; NAME/KEY: misc feature  
;; OTHER INFORMATION: Synthetic Sequence  
US-10-072-975-12

Query Match 1.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 4.8e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1098  
Db 15 AAAAAAAAAAAAAA 1

## RESULT 761

US-10-164-915-3  
;; Sequence 3, Application US/10164915  
;; Publication No. US20030148391A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Salafsky, Joshua S.  
;; TITLE OF INVENTION: Method Using a Surface-Selective No. US20030148391A1linear Optics  
;; FILE OF INVENTION: for Detection of Interactions Involving a Conformational Change  
;; FILE REFERENCE: 11100-035-999  
;; CURRENT APPLICATION NUMBER: US/10/164,915  
;; CURRENT FILING DATE: 2002-06-06  
;; PRIOR APPLICATION NUMBER: 60/253,862  
;; PRIOR FILING DATE: 2000-11-29  
;; PRIOR APPLICATION NUMBER: 60/260,249  
;; PRIOR FILING DATE: 2001-01-08  
;; PRIOR APPLICATION NUMBER: 60/265,775  
;; PRIOR FILING DATE: 2001-02-01  
;; PRIOR APPLICATION NUMBER: 60/278,941  
;; PRIOR FILING DATE: 2001-01-27  
;; NUMBER OF SEQ ID NOS: 6  
;; SEQ ID NO 3  
;; LENGTH: 16  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide structure for  
US-10-164-915-3

Query Match 1.2%; Score 13.4; DB 1; Length 16;  
Best Local Similarity 93.3%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1098  
Db 2 AAAAAAAAAAAAAA 16

## RESULT 762

US-09-866-108-7668  
;; Sequence 7668, Application US/09866108  
;; Patent No. US20020048800A1  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark

;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: AEOMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108  
;; CURRENT FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00662  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00661  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00670  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: US 60/234,687  
;; PRIOR FILING DATE: 2000-09-21  
;; PRIOR APPLICATION NUMBER: US 60/266,860  
;; PRIOR FILING DATE: 2001-02-05  
;; NUMBER OF SEQ ID NOS: 15752  
;; SOFTWARE: Aeomica Sequence Listing Engine  
;; SEQ ID NO 7668  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108-7668

Query Match 1.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 5.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 768 GAAGTGGAGAGAGAG 782  
Db 3 GAGCTGGAGAGAGAG 17

## RESULT 763

US-09-866-108-7669  
;; Sequence 7669, Application US/09866108  
;; Patent No. US20020048800A1  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark

;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: AEOMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108  
;; CURRENT FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26

```

; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 7669
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7670

```

```

Query Match 1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 768 GAACGGAGAAGAG 782
||| ||||| |||||
Db 2 GAGCTGGAGAAGAG 16

```

```

RESULT 764
US-09-866-108-7670
; Sequence 7670, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30

```

```

; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 7670
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7670

```

```

Query Match 1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 768 GAACGGAGAAGAG 782
||| ||||| |||||
Db 1 GAGCTGGAGAAGAG 15

```

```

RESULT 765
US-09-866-108-8380/c
; Sequence 8380, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30

```

;; PRIOR APPLICATION NUMBER: PCT/US01/00661  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00670  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: US 60/234,687  
;; PRIOR FILING DATE: 2000-09-21  
;; PRIOR APPLICATION NUMBER: US 60/266,860  
;; PRIOR FILING DATE: 2001-02-05  
;; NUMBER OF SEQ ID NOS: 15752  
;; SOFTWARE: Aecomica Sequence Listing Engine  
;; SEQ ID NO 8380  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108-8380

Query Match 1.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 5.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 405 CTGCTCCAGCGGCT 419  
|||  
Db 16 CTGCTCCAGCTGCT 2

RESULT 766  
US-09-866-108-8652/c  
;; Sequence 8652, Application US/09866108  
;; Patent No. US20020048800A1  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: AEOMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108  
;; CURRENT FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00662  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00661  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00670  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: US 60/234,687  
;; PRIOR FILING DATE: 2000-09-21  
;; PRIOR APPLICATION NUMBER: US 60/266,860  
;; PRIOR FILING DATE: 2001-02-05  
;; NUMBER OF SEQ ID NOS: 15752  
;; SOFTWARE: Aecomica Sequence Listing Engine

;; SEQ ID NO 8652  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108-8652

Query Match 1.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 5.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 32 TTCTCCAGCTGCAG 46  
|||  
Db 17 TTCTCCAGCTGCAG 3

RESULT 767  
US-09-866-108-8653/c  
;; Sequence 8653, Application US/09866108  
;; Patent No. US20020048800A1  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: AEOMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108  
;; CURRENT FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00662  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00661  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00670  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: US 60/234,687  
;; PRIOR FILING DATE: 2000-09-21  
;; PRIOR APPLICATION NUMBER: US 60/266,860  
;; PRIOR FILING DATE: 2001-02-05  
;; NUMBER OF SEQ ID NOS: 15752  
;; SOFTWARE: Aecomica Sequence Listing Engine  
;; SEQ ID NO 8653  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108-8653

Query Match 1.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 5.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```
QY 32 TTCTCTCAGTGCAG 46
Db 16 TTCTCTCAGTGCAG 2

RESULT 768
US-09-825-805-834/c
; Sequence 834, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MEBH00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 834
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-825-805-834

Query Match 1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 142 TGGGGGCTGCAGCTC 156
Db 15 TGGGGGCTGCAGCTC 1

RESULT 769
US-09-818-875-3710/c
; Sequence 3710, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kniec, Eric B.
; APPLICANT: Gamber, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
```

```
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3710
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-3710

Query Match 1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 291 CTTGTAGTCGGGGCC 305
Db 17 CTTGAGTCGGGGCC 3

RESULT 770
US-09-818-875-3711
; Sequence 3711, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kniec, Eric B.
; APPLICANT: Gamber, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3711
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-3711

Query Match 1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 291 CTTGTAGTCGGGGCC 305
Db 1 CTTGAGTCGGGGCC 15

RESULT 771
US-09-818-875-3714/c
; Sequence 3714, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kniec, Eric B.
; APPLICANT: Gamber, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
```

```
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3714
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-3714

Query Match      1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      291 CTTGTAGTCGGGGCC 305
Db      16 CTTGCAGTCGGGGCC 2

RESULT 772
US-09-818-875-3715
; Sequence 3715, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3715
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-3715

Query Match      1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      291 CTTGTAGTCGGGGCC 305
Db      2 CTTGCAGTCGGGGCC 16

RESULT 773
US-09-818-875-3718/c
; Sequence 3718, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
```

```
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3718
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-3718

Query Match      1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      291 CTTGTAGTCGGGGCC 305
Db      17 CTTGCAGTCGGGGCC 3

RESULT 774
US-09-818-875-3719
; Sequence 3719, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3719
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-3719

Query Match      1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      291 CTTGTAGTCGGGGCC 305
Db      1 CTTGCAGTCGGGGCC 15

RESULT 775
US-09-784-674-109
; Sequence 109, Application US/09784674
; Publication No. US20030054346A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; probe sequences
```

NUMBER OF SEQUENCES: 1165  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard  
Company M/S 2080  
STREET: 3000 Hanover Street  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/784,674  
FILING DATE: 15-Feb-2001  
CLASSIFICATION: No. US20030054346A1 available  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/021,701  
FILING DATE: 10-FEB-1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Choi, Wendy A.  
REGISTRATION NUMBER: 36,697  
REFERENCE/DOCKET NUMBER: 10971464-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-236-2386  
TELEFAX: 650-852-8063  
INFORMATION FOR SEQ ID NO: 109:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
SEQUENCE DESCRIPTION: SEQ ID NO: 109:  
US-09-784-674-109

Query Match 1.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 5.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 133 TGTCTGCTTTGGGG 147  
|||||  
Db 3 TGTCTGCTTTGGGG 17

RESULT 776  
US-09-784-674-110  
; Sequence 110, Application US/09784674  
; Publication No. US20030054346A1  
; GENERAL INFORMATION:  
; APPLICANT: Shanon, Karen W.  
; Wolber, Paul K.  
; Delenstarr, Glenda C.  
; Webb, Peter G.  
; Kincaid, Robert H.  
TITLE OF INVENTION: Methods for evaluating oligonucleotide  
probe sequences  
NUMBER OF SEQUENCES: 1165  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard  
Company M/S 2080  
STREET: 3000 Hanover Street  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/784,674  
FILING DATE: 15-Feb-2001  
CLASSIFICATION: No. US20030054346A1 available  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/021,701  
FILING DATE: 10-FEB-1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Choi, Wendy A.  
REGISTRATION NUMBER: 36,697  
REFERENCE/DOCKET NUMBER: 10971464-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-236-2386  
TELEFAX: 650-852-8063  
INFORMATION FOR SEQ ID NO: 110:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
SEQUENCE DESCRIPTION: SEQ ID NO: 110:  
US-09-784-674-110

Query Match 1.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 5.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 133 TGTCTGCTTTGGGG 147  
|||||  
Db 2 TGTCTGCTTTGGGG 16

RESULT 777  
US-09-780-533A-1296/c  
; Sequence 1296, Application US/09780533A  
; Publication No. US20030060611A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Chowrira, Bharat  
; APPLICANT: Haerberli, Pete  
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene  
FILE REFERENCE: MEHB00,878-A (400/011)  
CURRENT APPLICATION NUMBER: US/09/780,533A  
CURRENT FILING DATE: 2001-02-09  
PRIOR APPLICATION NUMBER: US 60/181,797  
PRIOR FILING DATE: 2000-02-11  
NUMBER OF SEQ ID NOS: 6679  
SOFTWARE: Patentin version 3.0  
SEQ ID NO 1296  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-780-533A-1296

Query Match 1.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 5.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 792 AAATGCGAGTCTGA 806  
|||||  
Db 16 AAATGCGAGTCTGA 2

RESULT 778  
US-09-780-533A-1700/c  
; Sequence 1700, Application US/09780533A

```
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowlika, Bharat
; APPLICANT: Haeblerli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1700
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-1700

Query Match      1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      792. AAACGCGAGTACTGA 806
Db      15 AAACGCGAGTACTGA 1

RESULT 779
US-09-848-754A-1664/c
; Sequence 1664, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-1 (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1664
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1664

Query Match      1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      813 CCTGCTACTGTGGGT 827
Db      17 CCTGCTACTGTGGGT 3

RESULT 780
US-09-848-754A-1665/c
; Sequence 1665, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-1 (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1665
; LENGTH: 17
```

```
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1665

Query Match      1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      813 CCTGCTACTGTGGGT 827
Db      15 CCTGCTACTGTGGGT 1

RESULT 781
US-09-740-332-1926/c
; Sequence 1926, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1926
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-1926

Query Match      1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      708 CCCATAGCCAAATTT 722
Db      16 CCCATAGCCAAATTT 2

RESULT 782
US-09-740-332-2629
; Sequence 2629, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2629
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-2629

Query Match      1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 5.4e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy      708 CCCATAGCCAAATTT 722
```

DB	3	CCCAUAAACCAUUU	17
Db	938	TTGTTTATGAGTCA	952
Db	16	TTGTTTACGAGTCA	2
Query Match	1.2%	Score 13.4;	DB 1; Length 17;
Best Local Similarity	93.3%	Pred. No. 5.4e+02;	
Matches	14;	Conservative 0; Mismatches 1;	Indels 0; Gaps 0;
RESULT 783			
US-10-307-005-2111/c			
Sequence 2111, Application US/10307005			
Publication No. US20030236208A1			
GENERAL INFORMATION:			
APPLICANT: University of Delaware			
APPLICANT: Eric B. Kniec			
APPLICANT: Howard B. Gampier			
APPLICANT: Michael C. Rice			
APPLICANT: Jungsup Kim			
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants			
FILE OF INVENTION: Using Modified Single Stranded Oligonucleotides			
FILE REFERENCE: Napro/009 PCT			
CURRENT APPLICATION NUMBER: US/10/307,005			
CURRENT FILING DATE: 2002-11-26			
PRIOR APPLICATION NUMBER: PCT/US01/17672			
PRIOR FILING DATE: 2001-06-01			
PRIOR APPLICATION NUMBER: US 60/208,538			
PRIOR FILING DATE: 2000-06-01			
PRIOR APPLICATION NUMBER: US 60/244,989			
PRIOR FILING DATE: 2000-10-30			
PRIOR APPLICATION NUMBER: US 09/818,875			
PRIOR FILING DATE: 2001-03-27			
NUMBER OF SEQ ID NOS: 2717			
SOFTWARE: Friedman macro Napro4			
SEQ ID NO 2111			
LENGTH: 17			
TYPE: DNA			
ORGANISM: Gossypium hirsutum			
US-10-307-005-2111			
Query Match	1.2%	Score 13.4;	DB 1; Length 17;
Best Local Similarity	93.3%	Pred. No. 5.4e+02;	
Matches	14;	Conservative 0; Mismatches 1;	Indels 0; Gaps 0;
Db	938	TTGTTTATGAGTCA	952
Db	16	TTGTTTACGAGTCA	2
Query Match	1.2%	Score 13.4;	DB 1; Length 17;
Best Local Similarity	93.3%	Pred. No. 5.4e+02;	
Matches	14;	Conservative 0; Mismatches 1;	Indels 0; Gaps 0;
RESULT 784			
US-10-307-005-2112			
Sequence 2112, Application US/10307005			
Publication No. US20030236208A1			
GENERAL INFORMATION:			
APPLICANT: University of Delaware			
APPLICANT: Eric B. Kniec			
APPLICANT: Howard B. Gampier			
APPLICANT: Michael C. Rice			
APPLICANT: Jungsup Kim			
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants			
FILE OF INVENTION: Using Modified Single Stranded Oligonucleotides			
FILE REFERENCE: Napro/009 PCT			
CURRENT APPLICATION NUMBER: US/10/307,005			
CURRENT FILING DATE: 2002-11-26			
PRIOR APPLICATION NUMBER: PCT/US01/17672			
PRIOR FILING DATE: 2001-06-01			
PRIOR APPLICATION NUMBER: US 60/208,538			
PRIOR FILING DATE: 2000-06-01			
PRIOR APPLICATION NUMBER: US 60/244,989			
PRIOR FILING DATE: 2000-10-30			
PRIOR APPLICATION NUMBER: US 09/818,875			
PRIOR FILING DATE: 2001-03-27			
NUMBER OF SEQ ID NOS: 2717			
SOFTWARE: Friedman macro Napro4			
SEQ ID NO 2112			
LENGTH: 17			
TYPE: DNA			
ORGANISM: Gossypium hirsutum			
US-10-307-005-2111			
Query Match	1.2%	Score 13.4;	DB 1; Length 17;
Best Local Similarity	93.3%	Pred. No. 5.4e+02;	
Matches	14;	Conservative 0; Mismatches 1;	Indels 0; Gaps 0;
Db	938	TTGTTTATGAGTCA	952
Db	16	TTGTTTACGAGTCA	2
Query Match	1.2%	Score 13.4;	DB 1; Length 17;
Best Local Similarity	93.3%	Pred. No. 5.4e+02;	
Matches	14;	Conservative 0; Mismatches 1;	Indels 0; Gaps 0;
RESULT 785			
US-09-792-818-367			
Sequence 367, Application US/09792818			
Publication No. US20030134806A1			
GENERAL INFORMATION:			
APPLICANT: Ribozyme Pharmaceuticals, Inc.			
APPLICANT: Jarvis, Thale			
APPLICANT: Von Carlowitz, Ira			
APPLICANT: McSwiggen, Jim			
APPLICANT: Hamblin, Paul			
APPLICANT: Ellis, Jonathan			
TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse			
FILE OF INVENTION: (GRID) Gene			
FILE REFERENCE: MHB00-901-A (400/013)			
CURRENT APPLICATION NUMBER: US/09/792,818			
CURRENT FILING DATE: 2001-02-23			
NUMBER OF SEQ ID NOS: 2304			
SOFTWARE: PatentIn version 3.0			
SEQ ID NO 367			
LENGTH: 17			
TYPE: RNA			
ORGANISM: Homo sapiens			
US-09-792-818-367			
Query Match	1.2%	Score 13.4;	DB 1; Length 17;
Best Local Similarity	93.3%	Pred. No. 5.4e+02;	
Matches	14;	Conservative 0; Mismatches 1;	Indels 0; Gaps 0;
Db	1	GCACGAGCCACAGCC	15
Db	1	GCACGAGCCACAGCC	15
Query Match	1.2%	Score 13.4;	DB 1; Length 17;
Best Local Similarity	93.3%	Pred. No. 5.4e+02;	
Matches	14;	Conservative 0; Mismatches 1;	Indels 0; Gaps 0;
RESULT 786			
US-09-792-818-390/c			
Sequence 390,			



```
/ APPLICANT: Kmiec, Eric B.
/ APPLICANT: Gamper, Howard B.
/ APPLICANT: Rice, Michael C.
/ TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
/ FILE REFERENCE: Napro-4
/ CURRENT APPLICATION NUMBER: US/10/209,787
/ PRIOR FILING DATE: 2002-07-30
/ PRIOR APPLICATION NUMBER: US 09/818,875
/ PRIOR FILING DATE: 2001-03-27
/ PRIOR APPLICATION NUMBER: US 60/192,176
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/192,179
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/208,538
/ PRIOR FILING DATE: 2000-06-01
/ PRIOR APPLICATION NUMBER: US 60/244,989
/ PRIOR FILING DATE: 2000-10-30
/ NUMBER OF SEQ ID NOS: 4385
/ SOFTWARE: Friedman macro Napro4
/ SEQ ID NO 3711
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-209-787-3711

Query Match          1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 291 CTTGTAGTCGGGCC 305
Db 1 CTTGCAGTCGGGCC 15

RESULT 792
US-10-209-787-3714/c
/ Sequence 3714, Application US/10209787
/ Publication No. US20030217377A1
/ GENERAL INFORMATION:
/ APPLICANT: Kmiec, Eric B.
/ APPLICANT: Gamper, Howard B.
/ APPLICANT: Rice, Michael C.
/ TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
/ FILE REFERENCE: Napro-4
/ CURRENT APPLICATION NUMBER: US/10/209,787
/ PRIOR FILING DATE: 2002-07-30
/ PRIOR APPLICATION NUMBER: US 09/818,875
/ PRIOR FILING DATE: 2001-03-27
/ PRIOR APPLICATION NUMBER: US 60/192,176
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/192,179
/ PRIOR FILING DATE: 2000-06-01
/ PRIOR APPLICATION NUMBER: US 60/244,989
/ NUMBER OF SEQ ID NOS: 4385
/ SOFTWARE: Friedman macro Napro4
/ SEQ ID NO 3714
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-209-787-3714

Query Match          1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 291 CTTGTAGTCGGGCC 305
Db 16 CTTGCAGTCGGGCC 2

RESULT 793
US-10-209-787-3715
/ Sequence 3715, Application US/10209787
/ Publication No. US20030217377A1
/ GENERAL INFORMATION:
/ APPLICANT: Kmiec, Eric B.
/ APPLICANT: Gamper, Howard B.
/ APPLICANT: Rice, Michael C.
/ TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
/ FILE REFERENCE: Napro-4
/ CURRENT APPLICATION NUMBER: US/10/209,787
/ PRIOR FILING DATE: 2002-07-30
/ PRIOR APPLICATION NUMBER: US 09/818,875
/ PRIOR FILING DATE: 2001-03-27
/ PRIOR APPLICATION NUMBER: US 60/192,176
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/192,179
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/208,538
/ PRIOR FILING DATE: 2000-06-01
/ PRIOR APPLICATION NUMBER: US 60/244,989
/ PRIOR FILING DATE: 2000-10-30
/ NUMBER OF SEQ ID NOS: 4385
/ SOFTWARE: Friedman macro Napro4
/ SEQ ID NO 3715
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-209-787-3715

Query Match          1.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 291 CTTGTAGTCGGGCC 305
Db 2 CTTGCAGTCGGGCC 16

RESULT 794
US-10-209-787-3718/c
/ Sequence 3718, Application US/10209787
/ Publication No. US20030217377A1
/ GENERAL INFORMATION:
/ APPLICANT: Kmiec, Eric B.
/ APPLICANT: Gamper, Howard B.
/ APPLICANT: Rice, Michael C.
/ TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
/ FILE REFERENCE: Napro-4
/ CURRENT APPLICATION NUMBER: US/10/209,787
/ PRIOR FILING DATE: 2002-07-30
/ PRIOR APPLICATION NUMBER: US 09/818,875
/ PRIOR FILING DATE: 2001-03-27
/ PRIOR APPLICATION NUMBER: US 60/192,176
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/192,179
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/208,538
/ PRIOR FILING DATE: 2000-06-01
/ PRIOR APPLICATION NUMBER: US 60/244,989
/ PRIOR FILING DATE: 2000-10-30
/ NUMBER OF SEQ ID NOS: 4385
/ SOFTWARE: Friedman macro Napro4
/ SEQ ID NO 3718
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-209-787-3718
```

Query Match 1.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 5.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 291 CTTGTAGTCGGGCC 305  
DB 17 CTTGCAGTCGGGCC 3

RESULT 795  
US-10-209-787-3719  
; Sequence 3719, Application US/10209787  
; Publication No. US20030217377A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamber, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; TITLE OF INVENTION: Stranded Oligonucleotides  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/10/209,787  
; CURRENT FILING DATE: 2002-07-30  
; PRIOR APPLICATION NUMBER: US 09/818,875  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 3719  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-209-787-3719

Query Match 1.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 5.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 291 CTTGTAGTCGGGCC 305  
DB 1 CTTGCAGTCGGGCC 15

RESULT 796  
US-10-163-552-829/c  
; Sequence 829, Application US/10163552  
; Publication No. US20030105051A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level  
; TITLE OF INVENTION: HER2  
; FILE REFERENCE: MBH01-1653-A (400/014)  
; CURRENT APPLICATION NUMBER: US/10/163,552  
; CURRENT FILING DATE: 2002-06-06  
; NUMBER OF SEQ ID NOS: 1997  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 829  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-163-552-829

Query Match 1.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 5.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 142 TGGGGGCTGCAGCTC 156  
DB 15 TGGGGGCTGCAGCTC 1

RESULT 797  
US-10-156-306-1670/c  
; Sequence 1670, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat-  
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1670  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-1670

Query Match 1.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 5.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 999 CTGAGGCTGGAGAT 1013  
DB 17 CTGAGGCGAGGAGAT 3

RESULT 798  
US-10-156-306-1671/c  
; Sequence 1671, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat-  
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1671  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-1671

Query Match 1.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 5.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 999 CTGAGGCTGGAGAT 1013  
DB 16 CTGAGGCGAGGAGAT 2

RESULT 799  
US-09-738-444A-16  
; Sequence 16, Application US/09738444A  
; Publication No. US20030022317A1  
; GENERAL INFORMATION:  
; APPLICANT: Jack, William E.  
; APPLICANT: Schildkraut, Ira  
; APPLICANT: Menin, Julie F.  
; APPLICANT: Greenough, Lucia  
; TITLE OF INVENTION: Use of Site-Specific Nicking Endonucleases to Create

```

; TITLE OF INVENTION: Single-Stranded Regions And Applications Thereof
; FILE REFERENCE: NEB-180
; CURRENT APPLICATION NUMBER: US/09/738,444A
; CURRENT FILING DATE: 2000-12-15
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: Patent Ver. 2.0
; SEQ ID NO 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Theoretical
; OTHER INFORMATION: sequences - all randomly generated
US-09-738-444A-16

```

```

Query Match: 1.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 5.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 439 GCTAAAGCCAGATG 453
Db 3 GCTAAAGCCAGATG 17

```

```

RESULT 800
US-10-388-263-232
; Sequence 232, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowsert, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.

```

```

; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; MODULATION BY OLIGONUCLEOTIDES AND
; GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 232
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-232

```

```

Query Match: 1.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 5.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 323 CAGAGAAGCTGTGGA 337
Db 4 CAGAGAAGTTGTGGA 18

```

```

RESULT 801
US-10-251-117-199/c
; Sequence 199, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA

```

```

; FILE REFERENCE: 900/042 (MBHB02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: Patent version 3.0
; SEQ ID NO 199
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-251-117-199

```

```

Query Match: 1.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 142 TGGGGGCTGCAGCTC 156
Db 17 TGGGGGCTGCAGCTC 3

```

```

RESULT 802
US-10-251-117-448
; Sequence 448, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MBHB02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: Patent version 3.0
; SEQ ID NO 448
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-448

```

```

Query Match: 1.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 73.3%; Pred. No. 6e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 142 TGGGGGCTGCAGCTC 156
Db 3 UGGGGGCTGCAGGUC 17

```

RESULT 803  
US-10-251-117-750/c  
; Sequence 750, Application US/10251117  
; Publication No. US20030170891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R  
; FILE REFERENCE: 900/042 (MBH02-468-A)  
; CURRENT APPLICATION NUMBER: US/10/251,117  
; CURRENT FILING DATE: 2003-02-24  
; PRIOR APPLICATION NUMBER: US 60/393,924  
; PRIOR FILING DATE: 2002-07-03  
; PRIOR APPLICATION NUMBER: US 10/163,552  
; PRIOR FILING DATE: 2002-06-06  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 09/916,466  
; PRIOR FILING DATE: 2001-07-25  
; PRIOR APPLICATION NUMBER: US 60/296,249  
; PRIOR FILING DATE: 2001-06-06  
; NUMBER OF SEQ ID NOS: 1213  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 750  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r  
US-10-251-117-750

Query Match 1.2%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 813 CCTGGTACTGTGGGT 827  
Db 17 CCTGGTACTGTGGGT 3

RESULT 804  
US-10-251-117-1057  
; Sequence 1057, Application US/10251117  
; Publication No. US20030170891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R  
; FILE REFERENCE: 900/042 (MBH02-468-A)  
; CURRENT APPLICATION NUMBER: US/10/251,117  
; CURRENT FILING DATE: 2003-02-24  
; PRIOR APPLICATION NUMBER: US 60/393,924  
; PRIOR FILING DATE: 2002-07-03  
; PRIOR APPLICATION NUMBER: US 10/163,552  
; PRIOR FILING DATE: 2002-06-06  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 09/916,466  
; PRIOR FILING DATE: 2001-07-25  
; PRIOR APPLICATION NUMBER: US 60/296,249  
; PRIOR FILING DATE: 2001-06-06  
; NUMBER OF SEQ ID NOS: 1213  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 1057  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
US-10-251-117-1057

Query Match 1.2%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 60.0%; Pred. No. 6e+02;  
Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

Qy 813 CCTGGTACTGTGGGT 827  
Db 3 CCUGGUGAGUGUGGU 17

RESULT 805  
US-10-180-781-29/c  
; Sequence 29, Application US/10180781  
; Publication No. US20030180880A1  
; GENERAL INFORMATION:  
; APPLICANT: Tanzi, Rudolph E.  
; Schellenberg, Gerard D.  
; Wasco, Wilma  
; Levy-Lahad, Ephrat  
; Bird, Thomas D.  
; Galas, David J.  
; TITLE OF INVENTION: CHROMOSOME 1 GENE AND GENE PRODUCTS RELATED TO  
; ALZHEIMER'S DISEASE  
; NUMBER OF SEQUENCES: 88  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Seed Intellectual Property Law Group PLLC  
; STREET: 701 Fifth Ave, Suite 6300  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: USA  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/180,781  
; FILING DATE: 24-Jun-2002  
; CLASSIFICATION: <Unknown>  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Potter, Jane E. R.  
; REGISTRATION NUMBER: 33,332  
; REFERENCE/DOCKET NUMBER: 920010.571C2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 29:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 29:  
US-10-180-781-29

Query Match 1.2%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 418 CTCTCCGGCTGCCCC 432  
Db 17 CTCTCCGGCTGCCCC 3

RESULT 806  
US-10-180-781-43/c  
; Sequence 43, Application US/10180781  
; Publication No. US20030180880A1  
; GENERAL INFORMATION:  
; APPLICANT: Tanzi, Rudolph E.  
; Schellenberg, Gerard D.  
; Wasco, Wilma  
; Levy-Lahad, Ephrat

;; Bird, Thomas D.  
;; Galas, David J.  
;; TITLE OF INVENTION: CHROMOSOME 1 GENE AND GENE PRODUCTS RELATED TO  
;; ALZHEIMER'S DISEASE  
;; NUMBER OF SEQUENCES: 88  
;; CORRESPONDENCE ADDRESSES:  
;; ADDRESSEE: Seed Intellectual Property Law Group PLLC  
;; STREET: 701 Fifth Ave, Suite 6300  
;; CITY: Seattle  
;; STATE: Washington  
;; COUNTRY: USA  
;; ZIP: 98104-7092  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.30  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/10/180,781  
;; FILING DATE: 24-Jun-2002  
;; CLASSIFICATION: <Unknown>  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Potter, Jane E. R.  
;; REGISTRATION NUMBER: 33,332  
;; REFERENCE/DOCKET NUMBER: 920010.571C2  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (206) 622-4900  
;; TELEFAX: (206) 682-6031  
;; INFORMATION FOR SEQ ID NO: 43:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 19 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; SEQUENCE DESCRIPTION: SEQ ID NO: 43:  
US-10-180-781-43  
  
Query Match 1.2%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
QY 418 CTCCTCCGGCTGCCCC 432  
Db 17 CTCCTCCGCTGCCCC 3  
  
RESULT 807  
US-10-205-309-270/c  
; Sequence 270, Application US/10205309  
; Publication No. US20030190635A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Alzheimer's Disease Using  
; FILE REFERENCE: 900/033  
; CURRENT APPLICATION NUMBER: US/10/205,309  
; CURRENT FILING DATE: 2002-10-25  
; NUMBER OF SEQ ID NOS: 674  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 270  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siRNA sense  
US-10-205-309-270  
  
Query Match 1.2%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
QY 673 AGCTCAGATGGAT 687

Db 19 ACCTCAGATGGAT 5  
  
RESULT 808  
US-10-205-309-595  
; Sequence 595, Application US/10205309  
; Publication No. US20030190635A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Alzheimer's Disease Using  
; FILE REFERENCE: 900/033  
; CURRENT APPLICATION NUMBER: US/10/205,309  
; CURRENT FILING DATE: 2002-10-25  
; NUMBER OF SEQ ID NOS: 674  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 595  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: siRNA antisense region  
US-10-205-309-595  
  
Query Match 1.2%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 73.3%; Pred. No. 6e+02;  
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;  
  
QY 673 AGCTCAGATGGAT 687  
Db 1 ACCUCACAGAUGAU 15  
  
RESULT 809  
US-09-838-386-9/c  
; Sequence 9, Application US/09838386  
; Patent No. US20010055756A1  
; GENERAL INFORMATION:  
; APPLICANT: Pellerin, Charles  
; APPLICANT: Kukulj, George  
; TITLE OF INVENTION: Internal De No. US20010055756A1o Initiation Sites of the HCV NS5  
; FILE REFERENCE: 1011.2180001  
; CURRENT APPLICATION NUMBER: US/09/838,386  
; CURRENT FILING DATE: 2001-04-20  
; PRIOR APPLICATION NUMBER: US 60/198,793  
; PRIOR FILING DATE: 2000-04-21  
; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 9  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc feature  
; OTHER INFORMATION: oligonucleotide  
US-09-838-386-9  
  
Query Match 1.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
QY 320 CTGCAGAGAAAGCTGTGGA 337  
Db 18 CTGCAGAGAAAGCTGTGGA 1  
  
RESULT 810  
US-09-942-588A-39  
; Sequence 39, Application US/09942588A  
; Patent No. US20020106667A1

```

; GENERAL INFORMATION:
; APPLICANT: Canon INC.
; TITLE OF INVENTION: Screening method for gene variation
; FILE REFERENCE: CPO 15717
; CURRENT APPLICATION NUMBER: US/09/942,588A
; CURRENT FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: JP 2000-263396
; PRIOR FILING DATE: 2000-08-31
; NUMBER OF SEQ ID NOS: 67
; SEQ ID NO 39
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Sample oligonucleotide
US-09-942-588A-39

Query Match 1.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1025 GCTGGGCTGGCTTTCAT 1042
Db 1 GATGGGCTCGGCTTCAT 18

RESULT 811
US-09-764-420A-40
; Sequence 40, Application US/09764420A
; Patent No. US20020115072A1
; GENERAL INFORMATION:
; APPLICANT: Okamoto, Tadashi
; APPLICANT: Yamamoto, No. US20020115072A1uko
; APPLICANT: Suzuki, Tomohiro
; TITLE OF INVENTION: Probe Bound Substrate, Process For
; TITLE OF INVENTION: Manufacturing Same, Probe Array, Method Of
; TITLE OF INVENTION: Detecting Target Substance, Method Of
; TITLE OF INVENTION: Specifying Nucleotide Sequence Of Single-
; TITLE OF INVENTION: Stranded Nucleic Acid In Sample, And
; TITLE OF INVENTION: Quantitative Determination Of Target Substance
; TITLE OF INVENTION: In Sample
; FILE REFERENCE: 35C.15258
; CURRENT APPLICATION NUMBER: US/09/764,420A
; CURRENT FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 65
; SEQ ID NO 40
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY:
; LOCATION:
; OTHER INFORMATION: Probe Sequence
US-09-764-420A-40

Query Match 1.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1025 GCTGGGCTGGCTTTCAT 1042
Db 1 GATGGGCTCGGCTTCAT 18

RESULT 812
US-09-764-420A-40
; Sequence 40, Application US/09764420A
; Publication No. US20030198952A9
; GENERAL INFORMATION:
; APPLICANT: Okamoto, Tadashi
; APPLICANT: Yamamoto, No. US20030198952A9uko
; APPLICANT: Suzuki, Tomohiro
; TITLE OF INVENTION: Probe Bound Substrate, Process For
; TITLE OF INVENTION: Manufacturing Same, Probe Array, Method Of
; TITLE OF INVENTION: Detecting Target Substance, Method Of
; TITLE OF INVENTION: Specifying Nucleotide Sequence Of Single-
; TITLE OF INVENTION: Stranded Nucleic Acid In Sample, And
; TITLE OF INVENTION: Quantitative Determination Of Target Substance
; TITLE OF INVENTION: In Sample
; FILE REFERENCE: 35C.15258
; CURRENT APPLICATION NUMBER: US/09/764,420A
; CURRENT FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 65
; SEQ ID NO 40
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY:
; LOCATION:
; OTHER INFORMATION: Probe Sequence
US-09-764-420A-40

Query Match 1.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1025 GCTGGGCTGGCTTTCAT 1042
Db 1 GATGGGCTCGGCTTCAT 18

RESULT 813
US-09-969-373-1831/c
; Sequence 1831, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 1831
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-1831

Query Match 1.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 785 TGAGCGCAAACTCGAGGA 802
Db 18 TGAACACAAACTGGAGGA 1

RESULT 814
US-09-942-596A-39
; Sequence 39, Application US/09942596A
; Patent No. US20020168648A1
; GENERAL INFORMATION:
; APPLICANT: Canon INC.
; TITLE OF INVENTION: Method of analyzing base sequence of nucleic acid
; FILE REFERENCE: CPO 15718
; CURRENT APPLICATION NUMBER: US/09/942,596A
; CURRENT FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: JP 263506/2000
```

```

; PRIOR FILING DATE: 2000-08-31
; NUMBER OF SEQ ID NOS: 66
; SEQ ID NO 39
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Sample oligonucleotide
US-09-942-596A-39

```

```

Query Match      1.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1025  GCTGGGCTTGGCTTTCAT 1042
Db       1    GATGGGCTTCGCTTTCAT 18

```

```

RESULT 815
US-09-988-873A-39
/ Sequence 39, Application US/09988873A
/ Publication No. US20030027160A1
/ GENERAL INFORMATION:
/ APPLICANT: Canon Inc.
/ TITLE OF INVENTION: Terminal labelled probe array and method of making it
/ FILE REFERENCE: CP015961
/ CURRENT APPLICATION NUMBER: US/09/988,873A
/ CURRENT FILING DATE: 2002-04-16
/ PRIOR APPLICATION NUMBER: JP2000-357446
/ PRIOR FILING DATE: 2000-11-24
/ NUMBER OF SEQ ID NOS: 65
/ SEQ ID NO 39
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:Synthesized
US-09-988-873A-39

```

```

Query Match      1.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1025 GCTGGGCGCTGGCTTTCAT 1042
Db       1 GATGGGCGCTCGGCTTCAT 18

```

RESULT 816  
US-09-774-381-11  
; Sequence 11, Application US/09774381  
; Publication No. US2003082677A1  
; GENERAL INFORMATION:  
; APPLICANT: Holtzman, Douglas A.  
; APPLICANT: McCarthy, Sean A.  
; APPLICANT: Pan, Yang  
; APPLICANT: Gearing, David P.  
; TITLE OF INVENTION: NOVEL EDIF, MTR-1, LSP-1, TAP-1, AND PA-I MOLECULES  
; TITLE OF INVENTION: AND USES THEREOF  
; FILE REFERENCE: MNT-107CP2  
; CURRENT APPLICATION NUMBER: US/09/774,381  
; CURRENT FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: 08/941,354  
; PRIOR FILING DATE: 1999-09-30  
; PRIOR APPLICATION NUMBER: 09/010,674  
; PRIOR FILING DATE: 1998-01-22  
; PRIOR APPLICATION NUMBER: 60/061,149  
; PRIOR FILING DATE: 1997-10-06  
; PRIOR APPLICATION NUMBER: 09/014,347  
; PRIOR FILING DATE: 1998-01-27  
; PRIOR APPLICATION NUMBER: 60/061,159  
; PRIOR FILING DATE: 1997-10-06



Sequence 131, Application US/10178325  
Publication No. US20030199467A1  
GENERAL INFORMATION:  
APPLICANT: Roberts, M. Luisa  
APPLICANT: Cosserat, Lex M.  
TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene  
TITLE OF INVENTION: Expression  
FILE REFERENCE: ISPH-0404  
CURRENT APPLICATION NUMBER: US/10/178,325  
CURRENT FILING DATE: 2002-06-21  
PRIOR APPLICATION NUMBER: US/09/387,341  
PRIOR FILING DATE: 1999-08-31  
PRIOR APPLICATION NUMBER: 09/156,424  
PRIOR FILING DATE: 1998-09-18  
PRIOR APPLICATION NUMBER: 09/156,979  
PRIOR FILING DATE: 1998-09-18  
PRIOR APPLICATION NUMBER: 09/156,807  
PRIOR FILING DATE: 1998-09-18  
PRIOR APPLICATION NUMBER: 09/161,015  
PRIOR FILING DATE: 1998-09-25  
NUMBER OF SEQ ID NOS: 233  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 131  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-178-325-131

Query Match 1.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 614 GGCATCTCAACAGCCG 631  
DB 1 GGCATCTCAACAGCCG 18

RESULT 823  
US-10-231-302-39  
Sequence 39, Application US/10231302  
Publication No. US20030082602A1  
GENERAL INFORMATION:  
APPLICANT: Yamamoto, No. US20030082602A1uko  
APPLICANT: Okamoto, Tadashi  
APPLICANT: Suzuki, Tomohiro  
TITLE OF INVENTION: Method for analyzing base sequence of nucleic acid  
FILE REFERENCE: 03500, 015203  
CURRENT APPLICATION NUMBER: US/10/231,302  
CURRENT FILING DATE: 2002-08-30  
PRIOR APPLICATION NUMBER: PCT/JP00/07244  
PRIOR FILING DATE: 2000-10-18  
NUMBER OF SEQ ID NOS: 74  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 39  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-231-302-39

Query Match 1.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1025 GCTGGCGCTCGCTTCAT 1042  
DB 1 GATGGGCTCGCGTTCAT 18

RESULT 824  
US-10-316-754-46/c  
Sequence 46, Application US/10316754

Publication No. US20030131376A1  
GENERAL INFORMATION:  
APPLICANT: Okubara, Patricia A.  
APPLICANT: Blechl, Ann E.  
APPLICANT: Hobn, Thomas M.  
APPLICANT: Berk, Randy M.  
TITLE OF INVENTION: Nucleic Acid Sequences Encoding Cell Wall-Degrading and  
TITLE OF INVENTION: Enzymes and Use to Engineer Resistance to Fusarium and  
TITLE OF INVENTION: Other Pathogens  
FILE REFERENCE: 0079,99R  
CURRENT APPLICATION NUMBER: US/10/316,754  
CURRENT FILING DATE: 2002-12-10  
PRIOR APPLICATION NUMBER: US/09/649,747  
PRIOR FILING DATE: 2000-08-28  
PRIOR APPLICATION NUMBER: 60/151,582  
PRIOR FILING DATE: 1999-08-30  
PRIOR APPLICATION NUMBER: 60/224,946  
PRIOR FILING DATE: 2000-08-11  
NUMBER OF SEQ ID NOS: 82  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 46  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-10-316-754-46

Query Match 1.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 817 GTACTGTGGTGGCTGAAG 834  
DB 18 GTGCTGAGTGTCTGAAG 1

RESULT 825  
US-09-862-101-2/c  
Sequence 2, Application US/09862101  
Patent No. US20020061526A1  
GENERAL INFORMATION:  
APPLICANT: Ju, Jingfang  
APPLICANT: Simons, Jan Fredrik  
TITLE OF INVENTION: Method for Analyzing a Nucleic Acid  
FILE REFERENCE: 21402-017 US  
CURRENT APPLICATION NUMBER: US/09/862,101  
CURRENT FILING DATE: 2001-05-21  
PRIOR APPLICATION NUMBER: 60/205,385  
PRIOR FILING DATE: 2000-05-19  
PRIOR APPLICATION NUMBER: 60/265,394  
PRIOR FILING DATE: 2001-01-31  
PRIOR APPLICATION NUMBER: 60/282,982  
PRIOR FILING DATE: 2000-04-11  
NUMBER OF SEQ ID NOS: 2  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 2  
LENGTH: 13  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-862-101-2

Query Match 1.2%; Score 13; DB 1; Length 13;  
Best Local Similarity 100.0%; Pred. No. 4.9e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1096  
DB 13 AAAAAAAAAAAAAA 1

RESULT 826  
US-09-919-345-2/c

```

; Sequence 2, Application US/09919345
; Patent No. US20020061530A1
; GENERAL INFORMATION:
; APPLICANT: Belotserkovskii, Boris P.
; APPLICANT: Reddy, Gurucharan
; APPLICANT: Zarling, David
; TITLE OF INVENTION: Enhanced Targeting of DNA Sequences by Recombinase and Single-Str
; FILE REFERENCE: A-69625-1/RPT/DLR
; CURRENT APPLICATION NUMBER: US/09/919,345
; PRIOR FILING DATE: 2002-01-08
; PRIOR APPLICATION NUMBER: US 60/222,272
; PRIOR FILING DATE: 2000-07-31
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-919-345-2

Query Match 1.2%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1096
DB 13 AAAAAAAAAAAAAA 1

RESULT 827
US-09-888-326-835/c
; Sequence 835, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; FILE REFERENCE: C1039/7052 (AWS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 835
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: phosphodiester backbone
; NAME/KEY: misc feature
; LOCATION: (13)...(13)
; OTHER INFORMATION: FITC labeled
US-09-888-326-835

Query Match 1.2%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1096
DB 13 AAAAAAAAAAAAAA 1

RESULT 828
US-09-888-326-836/c
; Sequence 836, Application US/09888326
; Publication No. US20030026801A1

```

```

; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; FILE REFERENCE: C1039/7052 (AWS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 836
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: chimeric phosphorothioate/phosphodiester backbone
; NAME/KEY: misc difference
; LOCATION: (13)...(13)
; OTHER INFORMATION: FITC labeled
US-09-888-326-836

Query Match 1.2%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1096
DB 13 AAAAAAAAAAAAAA 1

RESULT 829
US-09-776-479-867/c
; Sequence 867, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 867
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (11)...(13)
; OTHER INFORMATION: Conjugated to FITC moiety.
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Has phosphodiester backbone.
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-867

Query Match 1.2%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1096

```

```
Db      13 AAAAAAAAAAAAAA 1
|||||
Query Match      1.2%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 830
US-09-776-479-868/c
; Sequence 868, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCl/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 868
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (11)...(13)
; OTHER INFORMATION: Conjugated to biotin moiety.
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Has phosphorothioate and phosphodiester chimeric
; OTHER INFORMATION: backbone with phosphodiester on 3' end.
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-868

Query Match      1.2%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1096
|||||
Db      13 AAAAAAAAAAAAAA 1

RESULT 831
US-10-371-600-13
; Sequence 13, Application US/10371600
; Publication No. US20030180776A1
; GENERAL INFORMATION:
; APPLICANT: WU MING
; APPLICANT: ULLMAN, EDWIN F.
; TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
; FILE REFERENCE: 3817.10-2
; CURRENT APPLICATION NUMBER: US/10/371,600
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/359,223
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 60/379,360
; PRIOR FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 13
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-371-600-13

Query Match      1.2%; Score 13; DB 1; Length 13;

Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1096
|||||
Db      13 AAAAAAAAAAAAAA 1

RESULT 832
US-10-361-028-56
; Sequence 56, Application US/10361028
; Publication No. US20030199471A1
; GENERAL INFORMATION:
; APPLICANT: TAIRA, KAZUNARI
; APPLICANT: WABASHINA, MASAKI
; APPLICANT: KUWABARA, TOMOKO
; APPLICANT: KAWASAKI, HIROAKI
; TITLE OF INVENTION: FUNCTIONAL CHIMERIC MOLECULES CAPABLE OF SLIDING
; FILE REFERENCE: 081356/0151
; CURRENT APPLICATION NUMBER: US/10/361,028
; CURRENT FILING DATE: 2003-02-10
; PRIOR APPLICATION NUMBER: US/09/704,525
; PRIOR FILING DATE: 2000-11-03
; PRIOR APPLICATION NUMBER: JP 316133/1999
; PRIOR FILING DATE: 1999-11-05
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 56
; LENGTH: 13
; TYPE: DNA/RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule: poly(A) oligo
US-10-361-028-56

Query Match      1.2%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAA 1096
|||||
Db      13 AAAAAAAAAAAAAA 1

RESULT 833
US-10-208-357-19
; Sequence 19, Application US/10208357
; Publication No. US20020182687A1
; GENERAL INFORMATION:
; APPLICANT: Kurz, Markus
; APPLICANT: Lobse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/10/208,357
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US/09/619,103
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-10-208-357-19

Query Match      1.2%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1084 AAAAAAAAAAAAAA 1096
DB 13 AAAAAAAAAAAAAA 1

RESULT 834
US-10-112-653-839/c
; Sequence 839, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 838
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: Synthetic Oligonucleotide
; OTHER INFORMATION: Synthetic Oligonucleotide
; LOCATION: (13)...(13)
; OTHER INFORMATION: Fluorescein isothiocyanate conjugate
US-10-112-653-839

Query Match 1.2%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1096
DB 13 AAAAAAAAAAAAAA 1

RESULT 835
US-10-112-653-839/c
; Sequence 839, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 839
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: Synthetic Oligonucleotide
; OTHER INFORMATION: Synthetic Oligonucleotide
; LOCATION: (13)...(13)
; OTHER INFORMATION: Fluorescein isothiocyanate conjugate
US-10-112-653-839

Query Match 1.2%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1096
DB 13 AAAAAAAAAAAAAA 1

RESULT 836
US-10-017-995-867/c
; Sequence 867, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 867
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (11)...(13)
; OTHER INFORMATION: Conjugated to FITC moiety.
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Has phosphodiester backbone.
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-867

Query Match 1.2%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1096
DB 13 AAAAAAAAAAAAAA 1

RESULT 837
US-10-017-995-868/c
; Sequence 868, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 868
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (11)...(13)
; OTHER INFORMATION: Conjugated to biotin moiety.
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Has phosphorothioate and phosphodiester chimeric
; OTHER INFORMATION: backbone with phosphodiester on 3' end.
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-868

Query Match 1.2%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
```

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1084 AAAAAAAAAAAAAA 1096  
 Db 13 AAAAAAAAAAAAAA 1

RESULT 838  
 US-10-149-121-9/c  
 ; Sequence 9, Application US/10149121  
 ; Publication No. US2003097678A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: KUVSHINOV, VIKTOR  
 ; APPLICANT: KANERVA, ANNE  
 ; APPLICANT: KOIVU, KIMMO  
 ; APPLICANT: PEHU, EIJA  
 ; TITLE OF INVENTION: A PROCESS FOR CONVERTING STORAGE RESERVES OF DICOT  
 ; TITLE OF INVENTION: SEEDS INTO COMPOSITIONS COMPRISING ONE OR MORE GENE  
 ; TITLE OF INVENTION: PRODUCTS  
 ; FILE REFERENCE: SRN-003  
 ; CURRENT APPLICATION NUMBER: US/10/149,121  
 ; CURRENT FILING DATE: 2002-06-07  
 ; PRIOR APPLICATION NUMBER: FI 19992659  
 ; PRIOR FILING DATE: 1999-12-10  
 ; PRIOR APPLICATION NUMBER: PCT/FI00/01081  
 ; PRIOR FILING DATE: 2000-12-08  
 ; NUMBER OF SEQ ID NOS: 32  
 ; SOFTWARE: Patent In Ver. 2.1  
 ; SEQ ID NO 9  
 ; LENGTH: 13  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: 3' primer  
 US-10-149-121-9

Query Match 1.2%; Score 13; DB 1; Length 13;  
 Best Local Similarity 100.0%; Pred. No. 4.9e+02;  
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1082 TTAATAAAAAAAAAA 1094  
 Db 13 TTAATAAAAAAAAAA 1

RESULT 839  
 US-10-325-881-56/c  
 ; Sequence 56, Application US/10325881  
 ; Publication No. US20030119047A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: YOSHIKAWA, YOSHIE  
 ; APPLICANT: MURAI, HIROYUKI  
 ; APPLICANT: ASADA, KIYOZO  
 ; APPLICANT: HINO, FUMITSUGU  
 ; APPLICANT: KATO, IKUNOSHIN  
 ; TITLE OF INVENTION: CANCER-ASSOCIATED GENES  
 ; FILE REFERENCE: 1422-388P  
 ; CURRENT APPLICATION NUMBER: US/10/325,881  
 ; CURRENT FILING DATE: 2002-12-23  
 ; PRIOR APPLICATION NUMBER: US/09/377,497  
 ; PRIOR FILING DATE: 1999-08-20  
 ; NUMBER OF SEQ ID NOS: 70  
 ; SOFTWARE: Patent In Ver. 2.0  
 ; SEQ ID NO 56  
 ; LENGTH: 13  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: any n or Xaa = unknown  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA  
 US-10-325-881-56

Query Match 1.2%; Score 13; DB 1; Length 13;  
 Best Local Similarity 100.0%; Pred. No. 4.9e+02;  
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1082 TTAATAAAAAAAAAA 1094  
 Db 13 TTAATAAAAAAAAAA 1

RESULT 840  
 US-10-180-196-6/c  
 ; Sequence 6, Application US/10180196  
 ; Publication No. US20030124562A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Guegler, Karl  
 ; APPLICANT: Tan, Ruoying  
 ; APPLICANT: Rose, Michael J.  
 ; TITLE OF INVENTION: Methods and Compositions for Producing  
 ; TITLE OF INVENTION: Full Length cDNA Libraries  
 ; FILE REFERENCE: 06514-087US1  
 ; CURRENT APPLICATION NUMBER: US/10/180,196  
 ; CURRENT FILING DATE: 2002-06-25  
 ; PRIOR APPLICATION NUMBER: US/09/352,540  
 ; PRIOR FILING DATE: 1999-07-13  
 ; NUMBER OF SEQ ID NOS: 7  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 6  
 ; LENGTH: 13  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthesized Primer  
 US-10-180-196-6

Query Match 1.2%; Score 13; DB 1; Length 13;  
 Best Local Similarity 100.0%; Pred. No. 4.9e+02;  
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1084 AAAAAAAAAAAAAA 1096  
 Db 13 AAAAAAAAAAAAAA 1

RESULT 841  
 US-09-810-936-130/c  
 ; Sequence 130, Application US/09810936  
 ; Patent No. US20020088285A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Frudakis, Tony N.  
 ; APPLICANT: Reed, Steven G.  
 ; APPLICANT: Smith, John M.  
 ; APPLICANT: Mishner, Linda E.  
 ; APPLICANT: Dillon, Davin C.  
 ; APPLICANT: Retter, Marc W.  
 ; APPLICANT: Wang, Aijun  
 ; APPLICANT: Skeiky, Yasir A.W.  
 ; APPLICANT: Harlocker, Susan L.  
 ; APPLICANT: Day, Craig H.  
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE  
 ; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF BREAST CANCER  
 ; FILE REFERENCE: 210121.413C11  
 ; CURRENT APPLICATION NUMBER: US/09/810,936  
 ; CURRENT FILING DATE: 2001-03-16  
 ; NUMBER OF SEQ ID NOS: 334  
 ; SOFTWARE: FastSeq for Windows Version 3.0  
 ; SEQ ID NO 130  
 ; LENGTH: 14  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Primer  
 US-09-810-936-130

```

Query Match      1.2%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAA1095
Db 13 TAAAAA1

RESULT 842
US-09-738-973-47/c
; Sequence 47, Application US/09738973
; Patent No. US20020110563A1
; GENERAL INFORMATION:
; APPLICANT: Reed, Steven G.
; APPLICANT: Henderson, Robert A.
; APPLICANT: Lodes, Michael J.
; APPLICANT: Fling, Steven P.
; APPLICANT: Mohamath, Raodoh
; APPLICANT: Algate, Paul A.
; APPLICANT: Secrist, Heather
; APPLICANT: Indriass, Carol Yoseph
; APPLICANT: Benson, Darin R.
; APPLICANT: Elliott, Mark
; APPLICANT: Mannion, Jane
; APPLICANT: Kalos, Michael D.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
; TITLE OF INVENTION: THE THERAPY AND DIAGNOSIS OF LUNG CANCER
; FILE REFERENCE: 210121.475C9
; CURRENT APPLICATION NUMBER: US/09/738,973
; CURRENT FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 587
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 47
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-738-973-47

Query Match      1.2%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAA1095
Db 13 TAAAAA1

RESULT 843
US-09-429-755-130/c
; Sequence 130, Application US/09429755A
; Patent No. US20020111467A1
; GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony N.
; APPLICANT: Smith, John M.
; APPLICANT: Reed, Steven G.
; APPLICANT: Mishner, Lynda E.
; APPLICANT: Retter, Marc W.
; APPLICANT: Dillon, Davin C.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF BREAST CANCER
; FILE REFERENCE: 210121.419C6
; CURRENT APPLICATION NUMBER: US/09/429,755A
; CURRENT FILING DATE: 1999-10-28
; NUMBER OF SEQ ID NOS: 315
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 130
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-429-755-130

Query Match      1.2%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAA1095
Db 13 TAAAAA1

RESULT 844
US-09-924-400-130/c
; Sequence 130, Application US/09924400
; Patent No. US20020165371A1
; GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony N.
; APPLICANT: Reed, Steven G.
; APPLICANT: Smith, John M.
; APPLICANT: Mishner, Lynda E.
; APPLICANT: Dillon, Davin C.
; APPLICANT: Retter, Marc W.
; APPLICANT: Wang, Aijun
; APPLICANT: Skeiky, Yasir A. W.
; APPLICANT: Harlocker, Susan L.
; APPLICANT: Day, Craig H.
; APPLICANT: Li, Samuel X.
; APPLICANT: Deng, Ta
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF BREAST CANCER
; FILE REFERENCE: 210121.419C12
; CURRENT APPLICATION NUMBER: US/09/924,400
; CURRENT FILING DATE: 2001-08-07
; NUMBER OF SEQ ID NOS: 340
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 130
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer for amplification from breast cancer
; OTHER INFORMATION: tumor cDNA
US-09-924-400-130

Query Match      1.2%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAA1095
Db 13 TAAAAA1

RESULT 845
US-09-854-133-47/c
; Sequence 47, Application US/09854133
; Publication No. US20020183499A1
; GENERAL INFORMATION:
; APPLICANT: Lodes, Michael J.
; APPLICANT: Mohamath, Raodoh
; APPLICANT: Henderson, Robert A.
; APPLICANT: Benson, Darin R.
; APPLICANT: Secrist, Heather
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
; TITLE OF INVENTION: THE THERAPY AND DIAGNOSIS OF LUNG CANCER
; FILE REFERENCE: 210121.475C10
; CURRENT APPLICATION NUMBER: US/09/854,133
; CURRENT FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 735
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 47
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-854-133-47

```

US-09-854-133-47

Query Match 1.2%; Score 13; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 5.3e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAAAA 1095  
| | | | | | | | | | | | | | | |  
DB 13 TAAAAAATAAAAAA 1

RESULT 846

US-10-385-450-19/c  
; Sequence 19, Application US/10385450  
; Publication No. US20030157683A1  
; GENERAL INFORMATION:  
; APPLICANT: Lehar, et al., Sophie M.  
; TITLE OF INVENTION: APOPTOSIS GENE E124, COMPOSITIONS, AND METHODS OF USE  
; FILE REFERENCE: 104322.170DIV  
; CURRENT APPLICATION NUMBER: US/10/385,450  
; PRIOR FILING DATE: 2003-03-12  
; PRIOR APPLICATION NUMBER: US/09/151,771B  
; PRIOR FILING DATE: 1998-09-11  
; NUMBER OF SEQ ID NOS: 21  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 19  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: primer sequence  
; NAME/KEY: unsure  
; LOCATION: (13)  
; OTHER INFORMATION: any nucleotide can be used  
US-10-385-450-19

Query Match 1.2%; Score 13; DB 1; Length 14;  
Best Local Similarity 92.9%; Pred. No. 5.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1082 TAAAAAATAAAAAA 1095  
| | | | | | | | | | | | | | | |  
DB 14 TAAAAAATAAAAAA 1

RESULT 847

US-10-385-450-20/c  
; Sequence 20, Application US/10385450  
; Publication No. US20030157683A1  
; GENERAL INFORMATION:  
; APPLICANT: Lehar, et al., Sophie M.  
; TITLE OF INVENTION: APOPTOSIS GENE E124, COMPOSITIONS, AND METHODS OF USE  
; FILE REFERENCE: 104322.170DIV  
; CURRENT APPLICATION NUMBER: US/10/385,450  
; PRIOR FILING DATE: 2003-03-12  
; PRIOR APPLICATION NUMBER: US/09/151,771B  
; PRIOR FILING DATE: 1998-09-11  
; NUMBER OF SEQ ID NOS: 21  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 20  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: primer sequence  
; NAME/KEY: unsure  
; LOCATION: (13)  
; OTHER INFORMATION: any nucleotide can be used  
US-10-385-450-20

Query Match 1.2%; Score 13; DB 1; Length 14;

Best Local Similarity 92.9%; Pred. No. 5.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1084 AAAAAAATAAAAAA 1097  
| | | | | | | | | | | | | | | |  
DB 14 AAAAAAATAAAAAA 1

RESULT 848

US-10-103-614A-2/c  
; Sequence 2, Application US/10103614A  
; Publication No. US20030059796A1  
; GENERAL INFORMATION:  
; APPLICANT: SALMAN AL-NAHMOOD  
; TITLE OF INVENTION: METHOD FOR IDENTIFYING NOVEL GENES INVOLVED IN THE  
; REGULATION OF ANGIOGENESIS, STUDY OF SAID GENES AND USE  
; TITLE OF INVENTION: THEREOF FOR THERAPEUTIC PURPOSES  
; FILE REFERENCE: 1071-02  
; CURRENT APPLICATION NUMBER: US/10/103,614A  
; CURRENT FILING DATE: 2002-08-22  
; PRIOR APPLICATION NUMBER: PCT/FR00/02607  
; PRIOR FILING DATE: 2000-09-20  
; PRIOR APPLICATION NUMBER: FR 99/11790  
; PRIOR FILING DATE: 1999-09-21  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 2  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-10-103-614A-2

Query Match 1.2%; Score 13; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 5.3e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAAAA 1095  
| | | | | | | | | | | | | | | |  
DB 13 TAAAAAATAAAAAA 1

RESULT 849

US-10-301-844-23/c  
; Sequence 23, Application US/10301844  
; Publication No. US20030100747A1  
; GENERAL INFORMATION:  
; APPLICANT: Ruddy, David A.  
; Wolff, Roger K.  
; TITLE OF INVENTION: POLYMORPHISMS IN THE REGION OF THE HUMAN  
; HEMOCHROMATOSIS GENE  
; NUMBER OF SEQUENCES: 26  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Pennie & Edmonds, LLP  
; STREET: 1155 Avenue of the Americas  
; CITY: New York  
; STATE: NY  
; COUNTRY: USA  
; ZIP: 10036-2811  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: Windows  
; SOFTWARE: FastSeq for Windows Version 2.0b  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/301,844  
; FILING DATE: 20-NOV-02  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/852,495C  
; FILING DATE: 07-MAY-1997  
; ATTORNEY/AGENT INFORMATION:

```
; NAME: Poissant, Brian M
; REGISTRATION NUMBER: 26,462
; REFERENCE/DOCKET NUMBER: 8907-0057-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-493-4935
; TELEFAX: 650-493-5556
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 23:
US-10-301-844-23

Query Match          1.2%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 TAAAAAATAAAAAA 1096
   |||||
Db 14 TAAAAAATAAAAAA 2

RESULT 850
US-10-144-649A-47/c
; Sequence 47, Application US/10144649A
; Publication No. US20030118599A1
; GENERAL INFORMATION:
; APPLICANT: Lodes, Michael J.
; APPLICANT: Wang, Tongtong
; APPLICANT: Fan, Liqun
; APPLICANT: Algate, Paul A.
; APPLICANT: McNeill, Patricia D.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
; TITLE OF INVENTION: THE THERAPY AND DIAGNOSIS OF LUNG CANCER
; FILE REFERENCE: 210121.475C11
; CURRENT APPLICATION NUMBER: US/10/144,649A
; CURRENT FILING DATE: 2002-08-21
; NUMBER OF SEQ ID NOS: 749
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 47
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-144-649A-47

Query Match          1.2%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAAAA 1095
   |||||
Db 13 TAAAAAATAAAAAA 1

RESULT 851
US-10-212-679-130/c
; Sequence 130, Application US/10212679
; Publication No. US20030125536A1
; GENERAL INFORMATION:
; APPLICANT: Fanger, Gary
; APPLICANT: Hirst, Shannon Kathleen
; APPLICANT: Dillon, Davin
; APPLICANT: Foy, Teresa
; APPLICANT: Houghton, Ray
; APPLICANT: Persing, David
; APPLICANT: Kalos, Michael
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF BREAST CANCER
; FILE REFERENCE: 210121.419C14
; CURRENT APPLICATION NUMBER: US/10/212,679
```

```
; CURRENT FILING DATE: 2002-08-02
; NUMBER OF SEQ ID NOS: 428
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 130
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer for amplification from breast cancer
; OTHER INFORMATION: tumor CDNA
US-10-212-679-130

Query Match          1.2%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAAAA 1095
   |||||
Db 13 TAAAAAATAAAAAA 1

RESULT 852
US-09-504-231A-440/c
; Sequence 440, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELAT
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: fpi 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 440
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-440

Query Match          1.2%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 710 CATAGCCCAATTT 722
   |||||
Db 15 CATAGCCCAATTT 3

RESULT 853
US-09-504-231A-1245/c
; Sequence 1245, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
```

```
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: IP1 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1245
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-1245

Query Match          1.2%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred.No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      772 TGGAGAGAGAGTG 784
Db      13 TGGAGAGAGAGTG 1

RESULT 854
US-09-274-553D-440/c
; Sequence 440, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: IP1 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 440
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-440

Query Match          1.2%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred.No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      710 CATAGCCAAATTT 722
Db      15 CATAGCCAAATTT 3

RESULT 855
```

```
US-09-274-553D-1245/c
; Sequence 1245, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: IP1 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1245
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-1245

Query Match          1.2%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred.No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      772 TGGAGAGAGAGTG 784
Db      13 TGGAGAGAGAGTG 1

RESULT 856
US-09-263-959-59
; Sequence 59, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 59:
```

; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-263-959-59  
Query Match 1.2%; Score 13; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 408 CTCACGAGGCTC 420  
Db 3 CTCACGAGGCTC 15  
RESULT 857  
US-10-010-802-180/c  
; Sequence 180, Application US/10010802  
; Publication No. US20030078220A1  
; GENERAL INFORMATION:  
; APPLICANT: Genaisance Pharmaceuticals  
; APPLICANT: Chew, Anne  
; APPLICANT: Denton, R. Rex  
; APPLICANT: Duda, Amy  
; APPLICANT: Nandabalan, Krishnan  
; APPLICANT: Stephens, J. Claiborne  
; APPLICANT: Windemuth, Andreas  
; TITLE OF INVENTION: Drug Target Isoenes: Polymorphisms in the Interleukin  
; TITLE OF INVENTION: 4 Receptor Alpha Gene  
; FILE REFERENCE: MWH-0002US2 IL4R alpha  
; CURRENT APPLICATION NUMBER: US/10/010,802  
; CURRENT FILING DATE: 2001-11-09  
; PRIOR APPLICATION NUMBER: PCT/US00/19094  
; PRIOR FILING DATE: 2000-07-13  
; NUMBER OF SEQ ID NOS: 413  
; SOFTWARE: Patent In Ver. 2.1  
; SEQ ID NO 180  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-010-802-180  
Query Match 1.2%; Score 13; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 143 GGGGGCTGCAGCT 155  
Db 14 GGGGGCTGCAGCT 2  
RESULT 858  
US-10-287-919-2272/c  
; Sequence 2272, Application US/10287919  
; Publication No. US20030085830A1  
; GENERAL INFORMATION:  
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.  
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.  
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333  
; CURRENT APPLICATION NUMBER: US/10/287,919  
; CURRENT FILING DATE: 2002-11-05  
; NUMBER OF SEQ ID NOS: 2706  
; SOFTWARE: Proprietary  
; SEQ ID NO 2272  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Methanococcus jannaschii complete genome.  
; FEATURE:  
; LOCATION: (1403144)...(1403158)  
; OTHER INFORMATION: Chromosome = 1 Strand = positive  
US-10-287-919-2272

Query Match 1.2%; Score 13; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1078 ACTATTAAAAAA 1090  
Db 14 ACTATTAAAAAA 2  
RESULT 859  
US-10-287-919-2400/c  
; Sequence 2400, Application US/10287919  
; Publication No. US20030085830A1  
; GENERAL INFORMATION:  
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.  
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.  
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333  
; CURRENT APPLICATION NUMBER: US/10/287,919  
; CURRENT FILING DATE: 2002-11-05  
; NUMBER OF SEQ ID NOS: 2706  
; SOFTWARE: Proprietary  
; SEQ ID NO 2400  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Methanococcus jannaschii complete genome.  
; FEATURE:  
; LOCATION: (1475658)...(1475673)  
; OTHER INFORMATION: Chromosome = 1 Strand = negative  
US-10-287-919-2400  
Query Match 1.2%; Score 13; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1078 ACTATTAAAAAA 1090  
Db 14 ACTATTAAAAAA 2  
RESULT 860  
US-10-331-907-423/c  
; Sequence 423, Application US/10331907  
; Publication No. US20030181660A1  
; GENERAL INFORMATION:  
; APPLICANT: Todd, John A  
; Hess, John W  
; Caskey, Charles T  
; Cox, Roger D  
; Gerhold, David  
; Hammond, Holly  
; Hey, Patricia  
; Kawaguchi, Yoshihiko  
; Merriman, Tony R  
; Metzker, Michael I  
; TITLE OF INVENTION: No. US20030181660A1e1 LDL-Receptor  
; NUMBER OF SEQUENCES: 455  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Nixon and Vanderhye  
; STREET: 1100 No. US20030181660A1th Glebe Road, Eighth Floor  
; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: US  
; ZIP: VA 22201-4714  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/331,907  
; FILING DATE: 31-Dec-2002  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/09/402,923A

; FILING DATE: 14-Feb-2001  
; APPLICATION NUMBER: PCT/GB98/01102  
; FILING DATE: 15-APR-1998  
; APPLICATION NUMBER: US 60/043,553  
; FILING DATE: 15-APR-1997  
; APPLICATION NUMBER: US 60/048,740  
; FILING DATE: 05-JUN-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: B.J.Sadoff  
; REGISTRATION NUMBER: 36,663  
; REFERENCE/DOCKET NUMBER: 620-81  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 816-4091  
; TELEFAX: (703) 816-4100  
; INFORMATION FOR SEQ ID NO: 423:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 423:  
US-10-331-907-423

Query Match 1.2%; Score 13; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 6e+02; Indels 0; Gaps 0;  
Matches 13; Conservative 0; Mismatches 0;

QY 1000 TGAGGCTGGAGAA 1012  
|||||  
Db 15 TGAGGCTGGAGAA 3

RESULT 861  
US-09-866-108-1758  
; Sequence 1758, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Aemica Sequence Listing Engine  
; SEQ ID NO 1759  
; LENGTH: 17  
; TYPE: DNA

; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Aemica Sequence Listing Engine  
; SEQ ID NO 1758  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-1758

Query Match 1.2%; Score 13; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 6.3e+02; Indels 0; Gaps 0;  
Matches 13; Conservative 0; Mismatches 0;  
QY 441 CTAAGGCCAGATG 453  
|||||  
Db 5 CTAAGGCCAGATG 17

RESULT 862  
US-09-866-108-1759  
; Sequence 1759, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Aemica Sequence Listing Engine  
; SEQ ID NO 1759  
; LENGTH: 17  
; TYPE: DNA

RES001 883  
US-09-866-108-1762 ; Sequence 1762, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Aecomica Sequence Listing Engine  
SEQ ID NO 1762  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-1762

Query Match 1.2%; Score 13; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 441 CTAAGCCAGATG 453  
DB 1 CTAAGCCAGATG 13

RESULT 866  
US-10-339-782-358/c  
Sequence 358, Application US/10339782  
Publication No. US20030166026A1  
GENERAL INFORMATION:  
APPLICANT: Lynx Therapeutics, Inc.  
APPLICANT: Goodman, Laurie J  
APPLICANT: Bowen, Benjamin A  
TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells  
FILE REFERENCE: 37-0001100S  
CURRENT APPLICATION NUMBER: US/10/339,782  
CURRENT FILING DATE: 2003-01-08  
NUMBER OF SEQ ID NOS: 495  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 358  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens

US-10-339-782-358  
Query Match 1.2%; Score 13; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 395 CACACACACCTG 407  
DB 17 CACACACACCTG 5

RESULT 867  
US-10-156-306-527/c  
Sequence 527, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
FILE REFERENCE: MH001-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 527  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-527

Query Match 1.2%; Score 13; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1082 TTAAAAA 1094  
DB 13 TTAAAAA 1

RESULT 868  
US-09-969-373-3287  
Sequence 3287, Application US/09969373  
Patent No. US2002013852A1  
GENERAL INFORMATION:  
APPLICANT: Effertz, Roger J.  
APPLICANT: Hauge, Brian M.  
TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping  
FILE REFERENCE: 38-10(52679)A  
CURRENT APPLICATION NUMBER: US/09/969,373  
CURRENT FILING DATE: 2001-10-02  
PRIOR APPLICATION NUMBER: US 09/754,853  
PRIOR FILING DATE: 2001-01-05  
PRIOR APPLICATION NUMBER: US 09/760,427  
PRIOR FILING DATE: 2001-01-13  
PRIOR APPLICATION NUMBER: US 09/855,768  
PRIOR FILING DATE: 2001-03-15  
NUMBER OF SEQ ID NOS: 4593  
SEQ ID NO 3287  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Glycine max  
US-09-969-373-3287

Query Match 1.2%; Score 13; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 6.7e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 465 GAGTCCAGAAC 477  
DB 2 GAGTCCAGAAC 14

```
RESULT 869
US-10-106-799-2/c
; Sequence 2, Application US/10106799
; Publication No. US20030140379A1
; GENERAL INFORMATION:
; APPLICANT: Council of Scientific and Industrial Research
; TITLE OF INVENTION: No. US20030140379A1el DNA sequence in plants Caragana jubata with
; FILE REFERENCE: method thereof
; FILE REFERENCE: US 673
; CURRENT APPLICATION NUMBER: US/10/106,799
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: T11C (anchored) primer for differential display
US-10-106-799-2
Query Match 1.2%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1084 AAAAAAAAAAAAAA 1096
Db 17 AAAAAAAAAAAAAA 5
RESULT 870
US-10-106-799-3/c
; Sequence 3, Application US/10106799
; Publication No. US20030140379A1
; GENERAL INFORMATION:
; APPLICANT: Council of Scientific and Industrial Research
; TITLE OF INVENTION: No. US20030140379A1el DNA sequence in plants Caragana jubata with
; FILE REFERENCE: method thereof
; FILE REFERENCE: US 673
; CURRENT APPLICATION NUMBER: US/10/106,799
; CURRENT FILING DATE: 2002-10-31
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 3
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: T11G (anchored) primer for differential display
US-10-106-799-3
Query Match 1.2%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1084 AAAAAAAAAAAAAA 1096
Db 17 AAAAAAAAAAAAAA 5
RESULT 871
US-09-823-887C-6/c
; Sequence 6, Application US/09823887C
; Publication No. US20030180723A1
; GENERAL INFORMATION:
; APPLICANT: Kumar, Sanjay
; APPLICANT: Lal, Lakhvir
; APPLICANT: Ahuja, Paramvir
; TITLE OF INVENTION: Cloning of No. US20030180723A1el Gene Sequences Expressed and Rep
; FILE REFERENCE: Dormancy in the Apical Buds of Tea (Camellia Sinensis L. (O.) K
; CURRENT APPLICATION NUMBER: US/09/823,887C
; CURRENT FILING DATE: 2002-04-23
; Query Match 1.2%; Score 13; DB 1; Length 18;
```

```
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 6
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer_bind
US-09-823-887C-6
Query Match 1.2%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1084 AAAAAAAAAAAAAA 1096
Db 17 AAAAAAAAAAAAAA 5
RESULT 872
US-09-823-887C-7/c
; Sequence 7, Application US/09823887C
; Publication No. US20030180723A1
; GENERAL INFORMATION:
; APPLICANT: Kumar, Sanjay
; APPLICANT: Lal, Lakhvir
; APPLICANT: Ahuja, Paramvir
; TITLE OF INVENTION: Cloning of No. US20030180723A1el Gene Sequences Expressed and Re
; FILE REFERENCE: Dormancy in the Apical Buds of Tea (Camellia Sinensis L. (O.) K
; CURRENT APPLICATION NUMBER: US/09/823,887C
; CURRENT FILING DATE: 2002-04-23
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer_bind
US-09-823-887C-7
Query Match 1.2%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1084 AAAAAAAAAAAAAA 1096
Db 17 AAAAAAAAAAAAAA 5
RESULT 873
US-10-109-363-17/c
; Sequence 17, Application US/10109363
; Publication No. US20030196214A1
; GENERAL INFORMATION:
; APPLICANT: SHARMA, PRITI
; APPLICANT: KUMAR, SANJAY
; APPLICANT: AHUJA, PARAMVIR SINGH
; TITLE OF INVENTION: NOVEL GENES FROM DROUGHT STRESS TOLERANT TEA PLANT AND A
; FILE REFERENCE: 3097-4009
; CURRENT APPLICATION NUMBER: US/10/109,363
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 17
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Camellia sinensis
US-10-109-363-17
Query Match 1.2%; Score 13; DB 1; Length 18;
```

Best Local Similarity 100.0%; Pred. No. 6.7e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1084 AAAAAAAAAAAAAA 1096  
DB 17 AAAAAAAAAAAAAA 5  
  
RESULT 874  
US-10-109-363-18/c  
; Sequence 18, Application US/10109363  
; Publication No. US20030196214A1  
; GENERAL INFORMATION:  
; APPLICANT: SHARMA, PRITI  
; APPLICANT: KUMAR, SANJAY  
; TITLE OF INVENTION: NOVEL GENES FROM DROUGHT STRESS TOLERANT TEA PLANT AND A  
; FILE OF INVENTION: METHOD OF INTRODUCING WATER-STRESS TOLERANCE  
; FILE REFERENCE: 3097-4009  
; CURRENT APPLICATION NUMBER: US/10/109,363  
; CURRENT FILING DATE: 2002-03-27  
; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 18  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Camellia sinensis  
US-10-109-363-18  
  
Query Match 1.2%; Score 13; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 6.7e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1084 AAAAAAAAAAAAAA 1096  
DB 17 AAAAAAAAAAAAAA 5  
  
RESULT 875  
US-10-181-603-10  
; Sequence 10, Application US/10181603  
; Publication No. US20030049662A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD7 EXPRESSION  
; FILE REFERENCE: RTSP-0342  
; CURRENT APPLICATION NUMBER: US/10/181,603  
; CURRENT FILING DATE: 2002-07-17  
; PRIOR APPLICATION NUMBER: PCT/US01/01165  
; PRIOR FILING DATE: 2001-01-12  
; PRIOR APPLICATION NUMBER: 09/487,444  
; PRIOR FILING DATE: 2000-01-19  
; NUMBER OF SEQ ID NOS: 49  
; SEQ ID NO 10  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-181-603-10  
  
Query Match 1.2%; Score 13; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 6.7e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 420 CTCGGGTGCCCC 432  
DB 1 CTCGGGTGCCCC 13  
  
RESULT 876  
US-10-209-608-44

; Sequence 44, Application US/10209608  
; Publication No. US20030082592A1  
; GENERAL INFORMATION:  
; APPLICANT: KURANE, RYUICHIRO  
; APPLICANT: KANAGAWA, TAKAHIRO  
; APPLICANT: KAMAGATA, YOICHI  
; APPLICANT: YAMADA, KAZUTAKA  
; APPLICANT: YOKOMAKU, TOYOKAZU  
; APPLICANT: KOYAMA, OSAMU  
; APPLICANT: FURUSHO, KENTA  
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID M  
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING D  
; TITLE OF INVENTION: THE METHOD  
; FILE REFERENCE: 199953USOXDIV  
; CURRENT APPLICATION NUMBER: US/10/209,608  
; CURRENT FILING DATE: 2002-08-01  
; PRIOR APPLICATION NUMBER: US/09/725,265  
; PRIOR FILING DATE: 2000-11-29  
; PRIOR APPLICATION NUMBER: US 09/556,127  
; PRIOR FILING DATE: 2000-04-20  
; PRIOR APPLICATION NUMBER: JP 1999-111601  
; PRIOR FILING DATE: 1999-04-20  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 44  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: ARTIFICIAL SEQUENCE  
; FEATURE:  
; OTHER INFORMATION: SYNTHETIC DNA  
US-10-209-608-44  
  
Query Match 1.2%; Score 13; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 6.7e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1084 AAAAAAAAAAAAAA 1096  
DB 6 AAAAAAAAAAAAAA 18  
  
RESULT 877  
US-09-263-959-950/c  
; Sequence 950, Application US/09263959  
; Patent No. US20020150891A1  
; GENERAL INFORMATION:  
; APPLICANT: Hood, Leroy E.  
; APPLICANT: Rowen, Lee  
; APPLICANT: Koop, Ben F.  
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UT  
; NUMBER OF SEQUENCES: 1279  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Seed and Berry LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: US  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/263,959  
; FILING DATE: 05-MAR-1999  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Mcmasters, David D.  
; REGISTRATION NUMBER: 33,963  
; REFERENCE/DOCKET NUMBER: 920010.426C2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 950:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-263-959-950

Query Match 1.2%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 6.5e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1081 ATTAAAAAATAAAA 1096  
Db 16 AATAAAAAATAAAA 1

RESULT 878  
US-10-084-839-3790/c  
Sequence 3790, Application US/10084839  
Publication No. US20030186238A1  
GENERAL INFORMATION:  
APPLICANT: Third Wave Technologies  
APPLICANT: Allawi, Hatim  
APPLICANT: Argue, Brad T.  
APPLICANT: Bartholomay, Christian T.  
APPLICANT: Chenhak, LuAnne  
APPLICANT: Curtis, Michelle L.  
APPLICANT: Eis, Peggy S.  
APPLICANT: Hall, Jeff G.  
APPLICANT: Ip, Hon S.  
APPLICANT: Ji, Lin  
APPLICANT: Kaiser, Michael  
APPLICANT: Kwiatkowski, Jr., Robert W.  
APPLICANT: Lukowiak, Andrew A.  
APPLICANT: Lyamachev, Victor  
APPLICANT: Lymacheva, Natalie E.  
APPLICANT: Ma, WuPo  
APPLICANT: Neri, Bruce P.  
APPLICANT: Olson, Sarah M.  
APPLICANT: Olson-Munoz, Marilyn C.  
APPLICANT: Schaefer, James J.  
APPLICANT: Skrzypczynski, Zbigniew  
APPLICANT: Takova, Tsetska Y.  
APPLICANT: Thompson, Lisa C.  
APPLICANT: Vedvik, Kevin L.  
TITLE OF INVENTION: RNA Detection Assays  
FILE REFERENCE: FORS-06666  
CURRENT APPLICATION NUMBER: US/10/084,839  
CURRENT FILING DATE: 2002-02-26  
NUMBER OF SEQ ID NOS: 4004  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 3790  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-10-084-839-3790

Query Match 1.2%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 6.5e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 202 TCCTGGGTTCCAGCC 217  
Db 16 TCCTGGATGCCAGCC 1

RESULT 879  
US-09-866-108-1787/c  
Sequence 1787, Application US/09866108

Patent No. US20020048800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: A60MICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/006666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: A60MICA Sequence Listing Engine  
SEQ ID NO 1787  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-1787

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 379 CCGTCCTGCTGGCGG 394  
Db 17 CCTTCCTGCTGGCAGG 2

RESULT 880  
US-09-866-108-1788/c  
Sequence 1788, Application US/09866108  
Patent No. US20020048800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

```
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 1788
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-1788

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      379 CCGTCTGCTGCGGG 394
DB      16 CCGTCTGCTGCGCAG 1

RESULT 881
US-09-866-108-6595
Sequence 6595, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00665
```

```
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: PCT/US01/00667
CURRENT FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 6595
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-6595

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      197 CAGTTTCCTGGGTTC 212
DB      2 CAGTTGCTGGGTTC 17

RESULT 882
US-09-866-108-6596
Sequence 6596, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
```

```

; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 7586
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7586

```

```
Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

Qy 769 AACTGGAGAGAAGTG 784  
|||  
Db 2 AACTGAAGAGGAAGTG 17

RESULT 884  
US-09-866-108-7587  
; Sequence 7587, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:

Qy 197 CAGTTTCCTGGGTTC 212  
|||  
Db 1 CAGCTTGCTGGGTTC 16

```

: APPLICANT: CHEN, Wensheng
: APPLICANT: CHEN, Wensheng
: APPLICANT: SHANNON, Mark
: TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
: FILE REFERENCE: AEOMICA-7

```

FILE REFERENCE: ALONCA /  
CURRENT APPLICATION NUMBER: US/09/866,108  
CURRENT FILING DATE: 2001-05-25

```

PCT APPLICATION NUMBER: US 60/207,450
PCT FILING DATE: 2000-05-26
PCT APPLICATION NUMBER: GB 24263.6
PCT FILING DATE: 2000-10-04
PCT APPLICATION NUMBER: US 60/236,359
PCT FILING DATE: 2000-09-27
PCT APPLICATION NUMBER: PCT/US01/006666
PCT FILING DATE: 2001-01-30
PCT APPLICATION NUMBER: PCT/US01/006666
PCT FILING DATE: 2001-01-30
PCT APPLICATION NUMBER: PCT/US01/006666
PCT FILING DATE: 2001-01-30
PCT APPLICATION NUMBER: PCT/US01/006666
PCT FILING DATE: 2001-01-30
PCT APPLICATION NUMBER: PCT/US01/006666
PCT FILING DATE: 2001-01-30
PCT APPLICATION NUMBER: PCT/US01/006666
PCT FILING DATE: 2001-01-30
PCT APPLICATION NUMBER: PCT/US01/006666
PCT FILING DATE: 2000-09-21
PCT APPLICATION NUMBER: US 60/256,860
PCT FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 7587
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-7587

```

```

Query Match          1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

QY 769 AACTGGAGAGAAGTG 784  
Db 1 AACTGAAGAGGGAAGTG 16

## RESULT 885

```

RES-01-865
US-09-866-108-8378/c
; Sequence 8378, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

```

## : CURRENT APPLICATION NUMBER: US/09/866.108

```

, PRIOR APPLICATION NUMBER: US 60/207,456
, CURRENT FILING DATE: 2001-05-25
, PRIOR FILING DATE: 2001-05-25
, PRIOR APPLICATION NUMBER: US 60/207,456
, PRIOR FILING DATE: 2000-05-26
, PRIOR APPLICATION NUMBER: GB 24263.6
, PRIOR FILING DATE: 2000-10-04
, PRIOR APPLICATION NUMBER: US 60/236,359
, PRIOR FILING DATE: 2000-09-27
, PRIOR APPLICATION NUMBER: PCT/US01/00665
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00667
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00664
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00669
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00665
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00668
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00668
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00663
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00663
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00662
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00661
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00670
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: US 60/234,687
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: US 60/234,687
, PRIOR FILING DATE: 2000-09-21
, PRIOR APPLICATION NUMBER: US 60/266,860
, PRIOR FILING DATE: 2001-03-05
, NUMBER OF SEQ ID NOS: 15752
, SOFTWARE: Aecomica Sequence Listing Engine
, SEQ ID NO 8384
, LENGTH: 17
, TYPE: DNA
, ORGANISM: Homo sapiens
US-09-866-108-8384

```

```

; PIRATING DATE: 2008-03-22
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 8378
; LENGTH: 17

```

TYPE: DNA  
ORGANISM: Homo sapiens

US-09-866-108-8378

ORGANISM: HOMO SAPIENS

Query Match 1.2% Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 6.8e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 406 TGCTCCAGCAGGCTCT 421  
| | | | | | | | | |  
Dp 17 TGCTCCAGCTGGCTGT 2

RESULT 886  
US-09-866-108-8384/c  
; Sequence 8384, Application US/09866108  
; Patent No. US20020048800A1

```

/ ORGANISM INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Shaorong G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSION
/ FILE REFERENCE: AECMICA-7
/ CURRENT APPLICATION NUMBER: US/09/466,108
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/006666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006659
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aecmica Sequence Listing Engine
/ SEQ ID NO 8384
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108-8384

```

Query Match	1.2%	Score	12.8	DB	1	Length	17
Best Local Similarity	87.5%	Pred. No.	6.8e+02				
Matches	14	Conservative	0	Mismatches	2	Indels	0
						Gaps	0

Qy 401 CACCCTGCTCCAGCAG 416  
Db 16 CACTCTGCTCCAGCTG 1

REF ID: A87

US-09-866-108-8655/c  
Sequence 8655, Application US/09866108  
Patent No. US20020048800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.

```

; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A60614-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: A60614 Sequence Listing Engine
; SEQ ID NO 8655
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8655

```

```

Query Match 1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 30 GGTTCCTCCAGGTGCA 45
DB 16 GGTTCCTCCAGGTGCA 1

```

```

RESULT 888
US-09-827-998-483
; Sequence 483, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: A60614 Sequence Listing Engine
; SEQ ID NO 483
; LENGTH: 17
; TYPE: DNA

```

```

; ORGANISM: Homo sapiens
US-09-827-998-483
Query Match 1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1084 AAAAAAAAAAAAAA 1099
DB 2 AAAAAAAAAAGAGAA 17
RESULT 889
US-09-827-998-485
; Sequence 485, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: A60614 Sequence Listing Engine
; SEQ ID NO 485
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-485

```

```

Query Match 1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1084 AAAAAAAAAAAAAA 1099
DB 1 AAAAAAAAAAGAGAA 16

```

```

RESULT 890
US-09-864-785-146
; Sequence 146, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: Levels of NF-kappa B
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 146
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-146

```

```

Query Match 1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 6.8e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;
QY 420 CTCGGGTGCCCCCTG 435

```

```
Db      2 CUCCGCCUGCGCCUG 17
      ||||| ||||| |||||
Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

RESULT 891
US-09-864-785-245/c
; Sequence 245, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 245
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-245

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      245 GCTCTTGAAGGACTTA 260
Db      17 GCTCTTGAAGGCTCA 2

RESULT 892
US-09-864-785-587/c
; Sequence 587, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 587
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-587

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1001 GAGCTGGAGGATGGG 1016
Db      17 GAAGCTGGAGGATGGG 2

RESULT 893
US-09-864-785-1488
; Sequence 1488, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1488
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-1488

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      474 GAACCTGGCATTCCTC 489
Db      1 CUCCGCCUGCGCCUG 16

RESULT 894
US-09-825-805-408/c
; Sequence 408, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucle
; FILE REFERENCE: MBH00-831-P (400/809)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1998-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 408
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-825-805-408

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      474 GAACCTGGCATTCCTC 489
```

Db 17 GTACTGGCAATCCTC 2

RESULT 895

US-09-825-805-557/c

Sequence 557, Application US/09825805

Publication No. US20030004122A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Beigelman, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Karpeisky, Alex

APPLICANT: Adamic, Jasenka Matulic

APPLICANT: Sweedler, Dave

APPLICANT: Zinnen, Shawn

TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides

FILE REFERENCE: MEHB00-831-F (400/009)

CURRENT APPLICATION NUMBER: US/09/825,805

CURRENT FILING DATE: 2001-09-27

PRIOR APPLICATION NUMBER: 09/578,223

PRIOR FILING DATE: 2000-05-23

PRIOR APPLICATION NUMBER: 09/476,387

PRIOR FILING DATE: 1999-12-30

PRIOR APPLICATION NUMBER: 09/474,432

PRIOR FILING DATE: 1999-12-29

PRIOR APPLICATION NUMBER: 09/301,511

PRIOR FILING DATE: 1999-04-28

PRIOR APPLICATION NUMBER: 09/186,675

PRIOR FILING DATE: 1998-11-04

PRIOR APPLICATION NUMBER: 60/083,727

PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: 60/064,866

PRIOR FILING DATE: 1997-11-05

NUMBER OF SEQ ID NOS: 1558

SOFTWARE: Patentin version 3.0

SEQ ID NO 557

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-09-825-805-557

Query Match 1.2%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 6.8e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAA 1099

Db 17 AACACAAACAAAAAA 2

RESULT 896

US-09-825-805-856/c

Sequence 856, Application US/09825805

Publication No. US20030004122A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Beigelman, Leo

APPLICANT: Beaudry, Amber

APPLICANT: Karpeisky, Alex

APPLICANT: Adamic, Jasenka Matulic

APPLICANT: Sweedler, Dave

APPLICANT: Zinnen, Shawn

TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides

FILE REFERENCE: MEHB00-831-F (400/009)

CURRENT APPLICATION NUMBER: US/09/825,805

CURRENT FILING DATE: 2001-09-27

PRIOR APPLICATION NUMBER: 09/578,223

PRIOR FILING DATE: 2000-05-23

PRIOR APPLICATION NUMBER: 09/476,387

PRIOR FILING DATE: 1999-12-30

PRIOR APPLICATION NUMBER: 09/474,432

PRIOR FILING DATE: 1999-12-29

TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 149:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 149:  
US-09-961-077-149  
Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 6.8e+02;  
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;  
777 AAGAAGTGTGAGCGCA 792  
1 AAGAAGUUCGAGCGCA 16  
Db  
RESULT 898  
US-09-961-077-863  
Sequence 863, Application US/09961077  
Publication No. US20030014775A1  
GENERAL INFORMATION:  
APPLICANT: Zwick, Michael G.  
Edington, Brent E.  
McSwiggen, James A.  
Merlo, Patricia Ann Owens  
Guo, Lining  
Skokut, Thomas A.  
Young, Scott A.  
Folkerts, Otto  
Merlo, Donald J.  
TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
MODULATION OF GENE EXPRESSION  
IN PLANTS  
NUMBER OF SEQUENCES: 1263  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/961,077  
FILING DATE: 21-Sep-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/679,645  
FILING DATE: July 12, 1996  
APPLICATION NUMBER: 60/001,135  
FILING DATE: July 13, 1995  
APPLICATION NUMBER: 08/300,726  
FILING DATE: September 2, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 219/247  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 863:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 863:  
US-09-961-077-863  
Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 6.8e+02;  
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;  
1077 AACTATTAAAAAAA 1092  
2 AUCUGUAAAAAAA 17  
Db  
RESULT 899  
US-09-765-061B-44/C  
Sequence 44, Application US/09765061B  
Publication No. US20030022165A1  
GENERAL INFORMATION:  
APPLICANT: Board of Regents of the University of Texas System  
TITLE OF INVENTION: Mutations in a No. US20030022165A1el Photoreceptor-pineal gene  
FILE REFERENCE: 96606/16UTL  
CURRENT APPLICATION NUMBER: US/09/765,061B  
CURRENT FILING DATE: 2001-01-17  
NUMBER OF SEQ ID NOS: 78  
SOFTWARE: Patent in version 3.1  
SEQ ID NO 44  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: primer bind  
LOCATION: (1)..(17)  
MODULATION: 5' to 3' primer sequence  
US-09-765-061B-44  
Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
1007 GGAGAAATGGAAAGTGT 1022  
17 GGAGAAAGGGAGGTGT 2  
Db  
RESULT 900  
US-09-818-875-599/c  
Sequence 599, Application US/09818875  
Publication No. US20030051270A1  
GENERAL INFORMATION:  
APPLICANT: Kmiec, Eric B.  
APPLICANT: Camper, Howard B.  
APPLICANT: Rice, Michael C.  
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
Stranded Oligonucleotides  
FILE REFERENCE: Napro-4  
CURRENT APPLICATION NUMBER: US/09/818,875  
CURRENT FILING DATE: 2001-03-27  
PRIOR APPLICATION NUMBER: US 60/192,176  
PRIOR FILING DATE: 2000-03-27  
PRIOR APPLICATION NUMBER: US 60/192,179  
PRIOR FILING DATE: 2000-03-27  
PRIOR APPLICATION NUMBER: US 60/208,538  
PRIOR FILING DATE: 2000-06-01  
PRIOR APPLICATION NUMBER: US 60/244,989  
PRIOR FILING DATE: 2000-10-30  
NUMBER OF SEQ ID NOS: 4385  
SOFTWARE: Friedman macro Napro4  
SEQ ID NO 599

TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 149:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 149:  
US-09-961-077-149  
Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 6.8e+02;  
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;  
777 AAGAAGTGTGAGCGCA 792  
1 AAGAAGUUCGAGCGCA 16  
Db  
RESULT 898  
US-09-961-077-863  
Sequence 863, Application US/09961077  
Publication No. US20030014775A1  
GENERAL INFORMATION:  
APPLICANT: Zwick, Michael G.  
Edington, Brent E.  
McSwiggen, James A.  
Merlo, Patricia Ann Owens  
Guo, Lining  
Skokut, Thomas A.  
Young, Scott A.  
Folkerts, Otto  
Merlo, Donald J.  
TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
MODULATION OF GENE EXPRESSION  
IN PLANTS  
NUMBER OF SEQUENCES: 1263  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/961,077  
FILING DATE: 21-Sep-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/679,645  
FILING DATE: July 12, 1996  
APPLICATION NUMBER: 60/001,135  
FILING DATE: July 13, 1995  
APPLICATION NUMBER: 08/300,726  
FILING DATE: September 2, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 219/247  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 863:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 863:  
US-09-961-077-863  
Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 6.8e+02;  
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;  
1077 AACTATTAAAAAAA 1092  
2 AUCUGUAAAAAAA 17  
Db  
RESULT 899  
US-09-765-061B-44/C  
Sequence 44, Application US/09765061B  
Publication No. US20030022165A1  
GENERAL INFORMATION:  
APPLICANT: Board of Regents of the University of Texas System  
TITLE OF INVENTION: Mutations in a No. US20030022165A1el Photoreceptor-pineal gene  
FILE REFERENCE: 96606/16UTL  
CURRENT APPLICATION NUMBER: US/09/765,061B  
CURRENT FILING DATE: 2001-01-17  
NUMBER OF SEQ ID NOS: 78  
SOFTWARE: Patent in version 3.1  
SEQ ID NO 44  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: primer bind  
LOCATION: (1)..(17)  
MODULATION: 5' to 3' primer sequence  
US-09-765-061B-44  
Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
1007 GGAGAAATGGAAAGTGT 1022  
17 GGAGAAAGGGAGGTGT 2  
Db  
RESULT 900  
US-09-818-875-599/c  
Sequence 599, Application US/09818875  
Publication No. US20030051270A1  
GENERAL INFORMATION:  
APPLICANT: Kmiec, Eric B.  
APPLICANT: Camper, Howard B.  
APPLICANT: Rice, Michael C.  
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
Stranded Oligonucleotides  
FILE REFERENCE: Napro-4  
CURRENT APPLICATION NUMBER: US/09/818,875  
CURRENT FILING DATE: 2001-03-27  
PRIOR APPLICATION NUMBER: US 60/192,176  
PRIOR FILING DATE: 2000-03-27  
PRIOR APPLICATION NUMBER: US 60/192,179  
PRIOR FILING DATE: 2000-03-27  
PRIOR APPLICATION NUMBER: US 60/208,538  
PRIOR FILING DATE: 2000-06-01  
PRIOR APPLICATION NUMBER: US 60/244,989  
PRIOR FILING DATE: 2000-10-30  
NUMBER OF SEQ ID NOS: 4385  
SOFTWARE: Friedman macro Napro4  
SEQ ID NO 599

```
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-599

Query Match
Best Local Similarity 1.2%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 992 TGGAGCTCTGAGGCTG 1007
Db 16 TGGAGGCTGAGGTTG 1

RESULT 901
US-09-818-875-600
; Sequence 600, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 600
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-600

Query Match
Best Local Similarity 1.2%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 992 TGGAGCTCTGAGGCTG 1007
Db 2 TGGAGGCTGAGGTTG 17

RESULT 902
US-09-784-674-112
; Sequence 112, Application US/09784674
; Publication No. US20030054346A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Kolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; TITLE OF INVENTION: probe sequences
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard
; COMPANY: Company M/S 2080
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
```

```
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/784,674
; FILING DATE: 15-Feb-2001
; CLASSIFICATION NO: US20030054346A1 available
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/021,701
; FILING DATE: 10-FEB-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 112:
US-09-784-674-112

Query Match
Best Local Similarity 1.2%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 134 GTCGCTTTGGGGCT 149
Db 1 GTCGCTTTGGGGAT 16

RESULT 903
US-09-780-533A-1170/c
; Sequence 1170, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowirika, Bharat
; APPLICANT: Haeblerli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MSHB00,878-A (400/611)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 1170
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-1170

Query Match
Best Local Similarity 1.2%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 764 GGCAGAACTGGAGAG 779
Db 17 GGCAGAACTGGAGAG 2
```

```

RESULT 904
US-09-780-533A-1424/c
; Sequence 1424, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowirika, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1424
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-1424

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      667 ACCTGAAGCTCACAGA 682
Db      16 AGCTGATGTCACAGA 1

RESULT 905
US-09-780-533A-1891
; Sequence 1891, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowirika, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1891
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-1891

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.9%; Pred. No. 6.8e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY      1012 ATGGGAAGTGTAACT 1027
Db      2 AUGGGAAGUGAAGAU 17

RESULT 906
US-09-780-533A-1940/c
; Sequence 1940, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry

```

```

; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowirika, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1940
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-1940

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      764 GGCAGAACTGGAGAG 779
Db      16 GGCRAAACTGGTGAAG 1

RESULT 907
US-09-780-533A-2483
; Sequence 2483, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowirika, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2483
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-2483

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 6.8e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      1008 GAGAAATGGGAAGTGA 1023
Db      2 GAGUAUGGAAGUGAA 17

RESULT 908
US-09-877-478-2454/c
; Sequence 2454, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31

```

; PRIOR APPLICATION NUMBER: US 07/882,712  
; PRIOR FILING DATE: 1992-05-14  
; PRIOR APPLICATION NUMBER: US 09/531,025  
; PRIOR FILING DATE: 2000-03-20  
; PRIOR APPLICATION NUMBER: US 09/636,385  
; PRIOR FILING DATE: 2000-08-09  
; PRIOR APPLICATION NUMBER: US 09/696,347  
; PRIOR FILING DATE: 2000-10-24  
; PRIOR APPLICATION NUMBER: US 08/193,627  
; PRIOR FILING DATE: 1994-02-07  
; PRIOR APPLICATION NUMBER: US 08/433,993  
; PRIOR FILING DATE: 1995-05-04  
; PRIOR APPLICATION NUMBER: US 08/434,504  
; PRIOR FILING DATE: 1995-05-04  
; PRIOR APPLICATION NUMBER: US 09/436,430  
; PRIOR FILING DATE: 1999-11-08  
; NUMBER OF SEQ ID NOS: 6586  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2454  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Hepatitis B virus  
US-09-877-478-2454

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 513 AGTTGGCAATTGGGA 528  
Db 16 AGTTGGCAATTAGGA 1

## RESULT 909

US-09-848-754A-257/c  
; Sequence 257, Application US/09848754A  
; Publication No. US20030073207A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors  
; FILE REFERENCE: MBH00-958-I (400/018)  
; CURRENT APPLICATION NUMBER: US/09/848,754A  
; CURRENT FILING DATE: 2001-05-03  
; NUMBER OF SEQ ID NOS: 9645  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 257  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-848-754A-257

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 86 TGGTTAGGACCTTCTC 101  
Db 16 TGGTTGGAGCTTCTC 1

## RESULT 910

US-09-848-754A-1350/c  
; Sequence 1350, Application US/09848754A  
; Publication No. US20030073207A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors  
; FILE REFERENCE: MBH00-958-I (400/018)  
; CURRENT APPLICATION NUMBER: US/09/848,754A  
; CURRENT FILING DATE: 2001-05-03  
; NUMBER OF SEQ ID NOS: 9645

; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1350  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-848-754A-1350

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 86 TGGTTAGGACCTTCTC 101  
Db 17 TGGTTGGAGCTTCTC 2

## RESULT 911

US-09-848-754A-1419  
; Sequence 1419, Application US/09848754A  
; Publication No. US20030073207A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors  
; FILE REFERENCE: MBH00-958-I (400/018)  
; CURRENT APPLICATION NUMBER: US/09/848,754A  
; CURRENT FILING DATE: 2001-05-03  
; NUMBER OF SEQ ID NOS: 9645  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1419  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-848-754A-1419

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 6.8e+02;  
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 420 CTCGGCTGCCCCCTG 435  
Db 2 CUUCGGCUGCCUCCUG 17

## RESULT 912

US-09-848-754A-2448  
; Sequence 2448, Application US/09848754A  
; Publication No. US20030073207A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors  
; FILE REFERENCE: MBH00-958-I (400/018)  
; CURRENT APPLICATION NUMBER: US/09/848,754A  
; CURRENT FILING DATE: 2001-05-03  
; NUMBER OF SEQ ID NOS: 9645  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2448  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-848-754A-2448

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 6.8e+02;  
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 420 CTCGGCTGCCCCCTG 435  
Db 1 CUUCGGCUGCCUCCUG 16

## RESULT 913

US-09-776-474-440/c  
; Sequence 440, Application US/09776474  
; Publication No. US20030087847A1  
; GENERAL INFORMATION: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: Boher, Robert  
; APPLICANT: Holman, Patricia  
; APPLICANT: Fattaey, Ali  
; APPLICANT: McSwigen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK)  
; FILE REFERENCE: MHB00-955-A (400/008)  
; CURRENT APPLICATION NUMBER: US/09/776,474  
; CURRENT FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,983  
; PRIOR FILING DATE: 2000-03-02  
; NUMBER OF SEQ ID NOS: 2992  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 440  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-776-474-440

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 327 GAAGCTGTGGAGCAAC 342  
Db 17 GAAGTCTGGAGCAAC 2

RESULT 914  
US-09-776-474-471  
; Sequence 471, Application US/09776474  
; Publication No. US20030087847A1  
; GENERAL INFORMATION: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: Boher, Robert  
; APPLICANT: Holman, Patricia  
; APPLICANT: Fattaey, Ali  
; APPLICANT: McSwigen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK)  
; FILE REFERENCE: MHB00-955-A (400/008)  
; CURRENT APPLICATION NUMBER: US/09/776,474  
; CURRENT FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,983  
; PRIOR FILING DATE: 2000-03-02  
; NUMBER OF SEQ ID NOS: 2992  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 471  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-776-474-471

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 6.8e+02;  
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 981 ATCTAGCCCTGGAA 996  
Db 1 ACCUCAAACCCUUGGAA 16

RESULT 915  
US-09-776-474-1093/c  
; Sequence 1093, Application US/09776474  
; Publication No. US20030087847A1  
; GENERAL INFORMATION: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: Boher, Robert  
; APPLICANT: Holman, Patricia  
; APPLICANT: Fattaey, Ali  
; APPLICANT: McSwigen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (C  
; FILE REFERENCE: MHB00-955-A (400/008)  
; CURRENT APPLICATION NUMBER: US/09/776,474  
; CURRENT FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,983  
; PRIOR FILING DATE: 2000-03-02  
; NUMBER OF SEQ ID NOS: 2992  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1093  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-776-474-1093

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 326 AGAAGCTGTGGAGCAA 341  
Db 16 AGAAGTCTGGAGCAA 1

RESULT 916  
US-09-930-423-1741  
; Sequence 1741, Application US/09930423  
; Publication No. US20030092003A1  
; GENERAL INFORMATION: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwigen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease  
; FILE REFERENCE: MHB00.918-A 400/027  
; CURRENT APPLICATION NUMBER: US/09/930,423  
; CURRENT FILING DATE: 2001-08-15  
; NUMBER OF SEQ ID NOS: 4553  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1741  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo Sapiens  
US-09-930-423-1741

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 115 AGAAACGGGAGAAAG 130  
Db 1 AGAAAGAGAGAAAG 16

RESULT 917  
US-09-930-423-1745  
; Sequence 1745, Application US/09930423  
; Publication No. US20030092003A1  
; GENERAL INFORMATION: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry

```

; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MEH00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1745
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1745

Query Match
Best Local Similarity 1.2%; Score 12.8; DB 1; Length 17;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 384 CTGCTGGCGGGGACAC 399
Db 1 CUGUGCGGGGAUAC 16

RESULT 918
US-09-780-164-892
; Sequence 992, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 892
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-892

Query Match
Best Local Similarity 1.2%; Score 12.8; DB 1; Length 17;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 469 TCCAGGAACCTGGCAT 484
Db 2 UCCAGGAACUUGUAU 17

RESULT 919
US-09-827-395A-273/c
; Sequence 273, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowhira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MEH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 273
```

```

; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-273

Query Match
Best Local Similarity 1.2%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 452 TGCCTTCAGGAGAG 467
Db 17 TGCCGTGCAGGAGAG 2

RESULT 920
US-09-827-395A-561/c
; Sequence 561, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowhira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MEH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 561
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-561

Query Match
Best Local Similarity 1.2%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 424 GGCTGCCCTGCTAG 439
Db 17 GGCTGCCCTGCTAG 2

RESULT 921
US-09-827-395A-646/c
; Sequence 646, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowhira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MEH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 646
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-646
```

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 452 TCCTTCAGGAG 467  
DB 16 TCCCTGCAGGAG 1

RESULT 922

US-09-827-395A-893/c  
; Sequence 893, Application US/09827395A  
; Publication No. US20030113891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Lawrence Blatt  
; APPLICANT: James McSwiggen  
; APPLICANT: Bharat Chowhira  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor C  
; FILE REFERENCE: MEH800-878-C (400/017)  
; CURRENT APPLICATION NUMBER: US/09/827,395A  
; PRIOR FILING DATE: 2001-04-05  
; PRIOR APPLICATION NUMBER: 09/780,533  
; PRIOR FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/181,797  
; PRIOR FILING DATE: 2000-02-11  
; NUMBER OF SEQ ID NOS: 2617  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 893  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-827-395A-893

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 403 CCTGCTCCAGGAG 418  
DB 17 CCAGCTCTGAGGC 2

RESULT 923

US-09-827-395A-894/c  
; Sequence 894, Application US/09827395A  
; Publication No. US20030113891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Lawrence Blatt  
; APPLICANT: James McSwiggen  
; APPLICANT: Bharat Chowhira  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor C  
; FILE REFERENCE: MEH800-878-C (400/017)  
; CURRENT APPLICATION NUMBER: US/09/827,395A  
; PRIOR FILING DATE: 2001-04-05  
; PRIOR APPLICATION NUMBER: 09/780,533  
; PRIOR FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/181,797  
; PRIOR FILING DATE: 2000-02-11  
; NUMBER OF SEQ ID NOS: 2617  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 894  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-827-395A-894

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 403 CCTGCTCCAGGAG 418

DB 16 CCAGCTCTGAGGC 1

RESULT 924

US-09-740-332-1032  
; Sequence 1032, Application US/09740332  
; Publication No. US20030125270A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel  
; FILE REFERENCE: RPI 400/003  
; CURRENT APPLICATION NUMBER: US/09/740,332  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9704  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 1032  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-740-332-1032

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 81 AACTGTGTTAGGACC 96  
DB 2 ACUGGGGUAAGGACC 17

RESULT 925

US-09-740-332-3523/c  
; Sequence 3523, Application US/09740332  
; Publication No. US20030125270A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel  
; FILE REFERENCE: RPI 400/003  
; CURRENT APPLICATION NUMBER: US/09/740,332  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9704  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 3523  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-740-332-3523

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 81 AACTGTGTTAGGACC 96  
DB 17 AACTGGGTAAGGACC 2

RESULT 926

US-10-307-005-1755  
; Sequence 1755, Application US/10307005  
; Publication No. US20030236208A1  
; GENERAL INFORMATION:

```

; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kmiec
; APPLICANT: Howard B. Gamper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1755
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Ipomoea batatas
US-10-307-005-1755

```

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
 Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

QY 1006 TGGAGAATGGGAAGTG 1021
Db 1 TGGAGAATGAAAAGTG 16

```

```

RESULT 927
US-10-307-005-1756/c
; Sequence 1756, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kmiec
; APPLICANT: Howard B. Gamper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1756
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Ipomoea batatas
US-10-307-005-1756

```

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
 Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

QY 1006 TGGAGAATGGGAAGTG 1021
Db 17 TGGAGAATGAAAAGTG 2

```

```

RESULT 928
US-10-307-005-1995/c
; Sequence 1995, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kmiec
; APPLICANT: Howard B. Gamper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1995
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Oryza glaberrima
US-10-307-005-1995

```

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
 Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

QY 350 CAGCGCCACCTGTCTCA 365
Db 16 CGGCGCCTACTGTCTCA 1

```

```

RESULT 929
US-10-307-005-1996
; Sequence 1996, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kmiec
; APPLICANT: Howard B. Gamper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1996
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Oryza glaberrima
US-10-307-005-1996

```

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 350 CAGCGCCACCTGTCA 365  
| | | | | | | | | | | | | | | | | |  
Db 2 CGCGCGCTACCTGTCA 17

RESULT 930  
US-09-745-237A-1741  
; Sequence 1741, Application US/09745237A  
; Publication No. US20030143708A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease  
; FILE REFERENCE: 400/007 (MHB00-918-A)  
; CURRENT APPLICATION NUMBER: US/09/745,237A  
; CURRENT FILING DATE: 2002-04-15  
; NUMBER OF SEQ ID NOS: 4550  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1741  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-745-237A-1741

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 115 AGAAGCGGGAAGAAG 130  
| | | | | | | | | | | | | | | | | |  
Db 1 AGAAGCGGGAAGAAG 16

RESULT 931  
US-09-745-237A-1745  
; Sequence 1745, Application US/09745237A  
; Publication No. US20030143708A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease  
; FILE REFERENCE: 400/007 (MHB00-918-A)  
; CURRENT APPLICATION NUMBER: US/09/745,237A  
; CURRENT FILING DATE: 2002-04-15  
; NUMBER OF SEQ ID NOS: 4550  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1745  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-745-237A-1745

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 384 CTGCTGGCGGCACAC 399  
| : | | | | | | | | | | | | | | | | | |  
Db 1 CUGCUGCGCGGAUAC 16

RESULT 932  
US-10-238-700-2933  
; Sequence 2933, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Lev  
; FILE REFERENCE: 400/057 (MHB01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; CURRENT FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/318,471  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4566  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2933  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-238-700-2933

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 6.8e+02;  
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 979 TAATCTCAGCCCTTGG 994  
: | | | | | | | | | | | | | | | | | |  
Db 1 UAACCUCAGCCCGG 16

RESULT 933  
US-10-169-983-2/c  
; Sequence 2, Application US/10169983  
; Publication No. US20030158250A1  
; GENERAL INFORMATION:  
; APPLICANT: Takara Shuzo Co., Ltd.  
; TITLE OF INVENTION: Therapeutic agents  
; FILE REFERENCE: 01-011-PCT  
; CURRENT APPLICATION NUMBER: US/10/169,983  
; CURRENT FILING DATE: 2002-07-14  
; PRIOR APPLICATION NUMBER: JP 2000-4989  
; PRIOR FILING DATE: 2000-01-13  
; PRIOR APPLICATION NUMBER: JP 2000-303711  
; PRIOR FILING DATE: 2000-10-03  
; NUMBER OF SEQ ID NOS: 61  
; SEQ ID NO 2  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Designed primer based on nucleotide sequence of  
; OTHER INFORMATION: human prostaglandin G/H synthase-2 mRNA.  
US-10-169-983-2

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 257 CTTACAGAGGAGCACC 272  
| | | | | | | | | | | | | | | | | |  
Db 17 CTTAAACAGAGGAGCATC 2

RESULT 934  
US-10-061-201-1670/c  
; Sequence 1670, Application US/10061201  
; Publication No. US20030166229A1  
; GENERAL INFORMATION:  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1  
; FILE REFERENCE: PB0178  
; CURRENT APPLICATION NUMBER: US/10/061,201  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30

;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00670  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: US 09/864,761  
;; PRIOR FILING DATE: 2001-05-23  
;; PRIOR APPLICATION NUMBER: US 60/328,205  
;; PRIOR FILING DATE: 2001-10-10  
;; NUMBER OF SEQ ID NOS: 4162  
;; SOFTWARE: Aescica Sequence Listing Engine  
;; SEQ ID NO 1670  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-10-061-201-1670

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 265 GGAGCACCTTCAGAA 280  
DB 17 GGATCACCTTCGAAA 2

RESULT 935  
US-10-061-201-1671/c  
;; Sequence 1671, Application US/10061201  
;; Publication No. US20030166229A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Shannon, Mark  
;; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1  
;; FILE REFERENCE: PB0178  
;; CURRENT APPLICATION NUMBER: US/10/061,201  
;; CURRENT FILING DATE: 2002-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00670  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: US 09/864,761  
;; PRIOR FILING DATE: 2001-05-23  
;; PRIOR APPLICATION NUMBER: US 60/328,205  
;; PRIOR FILING DATE: 2001-10-10  
;; NUMBER OF SEQ ID NOS: 4162  
;; SOFTWARE: Aescica Sequence Listing Engine  
;; SEQ ID NO 1671  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-10-061-201-1671

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 265 GGAGCACCTTCAGAA 280  
DB 16 GGATCACCTTCGAAA 1  
RESULT 936  
US-09-817-879-1032  
;; Sequence 1032, Application US/09817879  
;; Publication No. US20030171311A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Ribozyme Pharmaceuticals Inc.  
;; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rela  
;; TITLE OF INVENTION: Hepatitis C Virus Infection  
;; FILE REFERENCE: MBH00-801-F  
;; CURRENT APPLICATION NUMBER: US/09/817,879  
;; CURRENT FILING DATE: 2001-03-26  
;; NUMBER OF SEQ ID NOS: 9703  
;; SOFTWARE: PatentIn version 3.0  
;; SEQ ID NO 1032  
;; LENGTH: 17  
;; TYPE: RNA  
;; ORGANISM: artificial sequence  
;; FEATURE:  
;; NAME/KEY: misc\_feature  
;; LOCATION:  
;; OTHER INFORMATION: oligonucleotide substrate  
US-09-817-879-1032

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 81 AACTGTGGTTAGGACC 96  
DB 2 AACUGGGGUAAGGACC 17

RESULT 937  
US-09-817-879-3523/c  
;; Sequence 3523, Application US/09817879  
;; Publication No. US20030171311A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Ribozyme Pharmaceuticals Inc.  
;; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rela  
;; TITLE OF INVENTION: Hepatitis C Virus Infection  
;; FILE REFERENCE: MBH00-801-F  
;; CURRENT APPLICATION NUMBER: US/09/817,879  
;; CURRENT FILING DATE: 2001-03-26  
;; NUMBER OF SEQ ID NOS: 9703  
;; SOFTWARE: PatentIn version 3.0  
;; SEQ ID NO 3523  
;; LENGTH: 17  
;; TYPE: RNA  
;; ORGANISM: artificial sequence  
;; FEATURE:  
;; NAME/KEY: misc\_feature  
;; LOCATION:  
;; OTHER INFORMATION: oligonucleotide substrate  
US-09-817-879-3523

Query Match 1.2%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 6.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 81 AACTGTGGTTAGGACC 96  
DB 17 AACTGGGGTAAGGACC 2

RESULT 938  
US-10-339-793-68/c

```

; Sequence 68, Application US/10339793
; Publication No. US20030180764A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Shang, Jin
; APPLICANT: Bowen, Benjamin
; TITLE OF INVENTION: GENES AFFECTED BY CHOLESTEROL TREATMENT AND DURING ADIPOGENESIS
; FILE REFERENCE: 37-000310US
; CURRENT APPLICATION NUMBER: US/10/339,793
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 443
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 68
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-339-793-68

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      673 AGCTCACATGATGC 688
Db      16 AGCACACTGATGC 1

RESULT 939
US-10-230-006-760/c
; Sequence 760, Application US/10230006
; Publication No. US20030191077A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC CONDIT
; FILE REFERENCE: 400/056 (WEHE01-1110)
; CURRENT APPLICATION NUMBER: US/10/230,006
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 2678
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 760
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-10-230-006-760

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      33 TCCTCCAGGTCGAG 48
Db      16 TCCTCCAGGGGCTGAG 1

RESULT 940
US-10-209-787-599/c
; Sequence 599, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 05/818,875
; PRIOR FILING DATE: 2001-03-27

```

```

; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 599
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-209-787-599

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      992 TCGAAGTCTGAGGCTG 1007
Db      16 TCGAAGGCTGAGGTTG 1

RESULT 941
US-10-209-787-600
; Sequence 600, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 05/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 600
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-209-787-600

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      992 TCGAAGTCTGAGGCTG 1007
Db      2 TCGAAGGCTGAGGTTG 17

RESULT 942
US-10-020-038-14/c
; Sequence 14, Application US/10020038
; Publication No. US20020156247A1
; GENERAL INFORMATION:
; APPLICANT: Elledge, Stephen J.
; APPLICANT: Sanchez, Yolanda
; TITLE OF INVENTION: MAMMALIAN CHECKPOINT GENES AND PROTEINS

```

```

; SEQ ID NO 843
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-845

```

RESULT 947  
 S-10-163-552-984/c  
 Sequence 984, Application US/10163552  
 Publication No. US20030105051A1  
 GENERAL INFORMATION:  
 APPLICANT: Ribozyme Pharmaceuticals,

```

; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; TITLE OF INVENTION: HER2
; FILE REFERENCE: MBHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 984
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-984

```

```
Query Match      1.2%; Score 12.9; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred.No. 6.8e+03;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

QY 1084 AAAAAAAAAAAAAAAA 1099  
| | | | | | | | | |  
Db 17 AACACAAACCAAAAAA 2

RESULT 948  
US-10-156-306-11  
; Sequence 11, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: MCSwigen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
; FILE REFERENCE: Levels of IKK-Gamma and PKR  
; FILE REFERENCE: MBHB01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 11  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-11

```

Query Match      1.2%   Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 6.8e+00;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy      149  TGCAGCTCCCACTTG 164
          : ||| ||| ||| :
Db       2    UUCAGCUCACACUUG 17

```

```

RESULT 349
US-10-156-306-557/c
; Sequence 557, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156.306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 557
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-10-156-306-557

```

Query Match

```

Best Local Similarity  87.5%;  Pred. No. 6.8e+02;
Matches 14;  Conservative  0;  Mismatches  2;  Indels  0;  Gaps  0;

QY  1080  TATTAAAAAATAAAAA 1095
      |||||
Db  16    TATTAAAAACAAAA  1

```

RESULT 950

```

US-10-156-306-1273
; Sequence 1273, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 6013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1273
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1273

```

Query Match  
1.2%; Score 12.8; DB 1; Length 17;

```

QY      149  TGCAGCTCCCTACTCTG  164
          : ||||| |||
          : ||||| |||
DB      1  UUCAGCUCCACACUUG  16
          : ||||| |||
          : ||||| |||
Matches 10; Conservative
Mismatch 2; Indels 0; Gaps 0;

```

RESULT 951

```

US-10-156-306-1646/C
; Sequence 1646, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1646
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1646

```

Query Match 1.2%; Score 12.8; DB 1; Length 17;

	Bseq.Local.Similarity	86.93;	Freq.NO.: 8.0E+04;	
Matches	14; Conservative	0;	Mismatches	2; Indels
QY	1084 AAAAAAAAAAAAAAAA	1099		
DG	17 AAAAAAAAAAGATATAA	2		

RESULT 952

RES001 532  
US-10-156-306-1672/c  
; Sequence 1672, Application US/10158306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James

```
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1672
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1672

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      956 AGTCTGAGCGTGGAGA 1011
Db      16 AGGCTGAGCGAGGAGA 1

RESULT 953
US-10-156-306-2407/c
; Sequence 2407, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2407
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2407

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1081 ATTAACAAAAA 1096
Db      17 ATTAACAAACAAAA 2

RESULT 954
US-10-156-306-3523
; Sequence 3523, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3523
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3523

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1081 ATTAACAAAAA 1096
Db      17 ATTAACAAACAAAA 2

RESULT 955
US-10-156-306-4867/c
; Sequence 4867, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4867
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-4867

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      197 CAGTTTCCTGGGTCC 212
Db      17 CAGTTTCCTGGCTCC 2

RESULT 956
US-10-156-306-6865/c
; Sequence 6865, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6865
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-6865

Query Match      1.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      197 CAGTTTCCTGGGTCC 212
Db      16 CAGTTTCCTGGCTCC 1

RESULT 957
US-09-736-084-66/c
; Sequence 66, Application US/09736084
; Patent No. US20020107211A1
; GENERAL INFORMATION:
; APPLICANT: THE ROCKEFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
; NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC
```

/ NUMBER OF SEQUENCES: 98  
/ CORRESPONDENCE ADDRESS:  
/ ADDRESSEE: Klauber & Jackson  
/ STREET: 411 Hackensack Avenue  
/ CITY: Hackensack  
/ STATE: New Jersey  
/ COUNTRY: USA  
/ ZIP: 07601  
/ COMPUTER READABLE FORM:  
/ MEDIUM TYPE: Floppy disk  
/ COMPUTER: IBM PC compatible  
/ OPERATING SYSTEM: PC-DOS/MS-DOS  
/ SOFTWARE: Patent Release #1.0, Version #1.25  
/ CURRENT APPLICATION NUMBER: US/09/736,084  
/ FILING DATE: 13-Dec-2000  
/ CLASSIFICATION: <Unknown>  
/ PRIOR APPLICATION DATA:  
/ APPLICATION NUMBER: 08/438,431  
/ FILING DATE: May 10, 1995  
/ APPLICATION NUMBER: 08/347,563  
/ FILING DATE: No. US20020107211A1, September 30, 1994  
/ APPLICATION NUMBER: 08/292,345  
/ FILING DATE: August 17, 1994  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Jackson Esq., David A.  
/ REGISTRATION NUMBER: 26,742  
/ REFERENCE/DOCKET NUMBER: 600-1-087 CIP2I  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: 201 487-5800  
/ TELEFAX: 201 343-1684  
/ TELEX: 133521  
/ INFORMATION FOR SEQ ID NO: 66:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 18 base pairs  
/ TYPE: nucleic acid  
/ STRANDEDNESS: single  
/ TOPOLOGY: linear  
/ MOLECULE TYPE: DNA (primer)  
/ DESCRIPTION: sequence tagged-site specific PCR primer  
/ HYPOTHETICAL: NO  
/ ANTI-SENSE: NO  
/ ORIGINAL SOURCE:  
/ ORGANISM: Human  
/ SEQUENCE DESCRIPTION: SEQ ID NO: 66:  
US-09-736-084-66

Query Match 1.2%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 313 GGAAAGACTGCAGAGA 328  
Db 18 GAAAGAGATGCAGAGA 3

RESULT 958  
US-09-880-732-49/c  
; Sequence 49, Application US/09880732  
; Patent No. US20020127561A1  
; GENERAL INFORMATION:  
; APPLICANT: GENICON SCIENCES CORPORATION  
; APPLICANT: BEE, Gary  
; APPLICANT: KOHNE, David E.  
; APPLICANT: KORB, Linda  
; APPLICANT: PETERSON, Todd  
; APPLICANT: YGUERABIDE, Juan  
; TITLE OF INVENTION: ASSAY FOR GENETIC POLYMORPHISMS USING SCATTERED LIGHT DETECTABLE  
; CURRENT APPLICATION NUMBER: US/09/880,732  
; PRIOR FILING DATE: 2001-09-17  
; PRIOR APPLICATION NUMBER: US 60/210,988  
; PRIOR FILING DATE: 2000-06-12

/ NUMBER OF SEQ ID NOS: 64  
/ SOFTWARE: Patent in version 3.0  
/ SEQ ID NO 49  
/ LENGTH: 18  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ NAME/KEY: misc\_feature  
/ OTHER INFORMATION: Exemplary probe for CYP2D6 allele detection  
US-09-880-732-49

Query Match 1.2%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 399 CACACCTGCTCCAGC 414  
Db 16 CACCCACTGCTCCAGC 1

RESULT 959  
US-09-969-373-3446/c  
; Sequence 3446, Application US/09969373  
; Patent No. US2002013952A1  
; GENERAL INFORMATION:  
; APPLICANT: Haugwitz, Brian M.  
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping  
; FILE REFERENCE: 38-10(32679)A/US/09/969,373  
; CURRENT APPLICATION NUMBER: US/09/969,373  
; CURRENT FILING DATE: 2001-10-02  
; PRIOR APPLICATION NUMBER: US 09/754,853  
; PRIOR FILING DATE: 2001-01-05  
; PRIOR APPLICATION NUMBER: US 09/760,427  
; PRIOR FILING DATE: 2001-01-13  
; PRIOR APPLICATION NUMBER: US 09/855,768  
; PRIOR FILING DATE: 2001-05-15  
; NUMBER OF SEQ ID NOS: 4593  
; SEQ ID NO 3446  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Glycine max  
US-09-969-373-3446

Query Match 1.2%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1001 GAGGCTGGAGATGG 1016  
Db 16 GAGGCTGGAGATGG 1

RESULT 960  
US-09-765-061B-60/c  
; Sequence 60, Application US/09765061B  
; Publication No. US20030022165A1  
; GENERAL INFORMATION:  
; APPLICANT: Board of Regents of the University of Texas System  
; TITLE OF INVENTION: Mutations in a No. US20030022165A1el Photoreceptor-pineal gene  
; TITLE OF INVENTION: leber congenital amaurosis (LCA4)  
; FILE REFERENCE: 96606/16UTL  
; CURRENT APPLICATION NUMBER: US/09/765,061B  
; CURRENT FILING DATE: 2001-01-17  
; NUMBER OF SEQ ID NOS: 78  
; SOFTWARE: Patent in version 3.1  
; SEQ ID NO 60  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: exon  
; LOCATION: (1)..(18)

; OTHER INFORMATION: AIP1 gene exon 1 Primer 5' to 3'  
US-09-765-061B-60

Query Match 1.2%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1007 GGAGATCGGAGTGT 1022  
| | | | | | | | | |  
DB 18 GGAGAAAGGAGGTGT 3

RESULT 961

US-09-824-322B-174/c  
; Sequence 174, Application US/09824322B  
; Publication No. US20030022848A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Brenda  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Butler, Madeline M.  
; APPLICANT: Shanahan, William R.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR- $\alpha$   
; FILE REFERENCE: ISPH-0501  
; CURRENT APPLICATION NUMBER: US/09/824,322B  
; CURRENT FILING DATE: 2001-04-02  
; PRIOR APPLICATION NUMBER: US 09/313,932  
; PRIOR FILING DATE: 1998-05-18  
; PRIOR APPLICATION NUMBER: US 09/166,186  
; PRIOR FILING DATE: 1998-10-05  
; NUMBER OF SEQ ID NOS: 503  
; SEQ ID NO 174  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-09-824-322B-174

Query Match 1.2%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 123 GAAGAAGGATGTCTG 138  
| | | | | | | | | |  
DB 18 GAAGATAGGGTGTCTG 3

RESULT 962

US-09-824-322B-175/c  
; Sequence 175, Application US/09824322B  
; Publication No. US20030022848A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Brenda  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Butler, Madeline M.  
; APPLICANT: Shanahan, William R.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR- $\alpha$   
; FILE REFERENCE: ISPH-0501  
; CURRENT APPLICATION NUMBER: US/09/824,322B  
; CURRENT FILING DATE: 2001-04-02  
; PRIOR APPLICATION NUMBER: US 09/313,932  
; PRIOR FILING DATE: 1998-05-18  
; PRIOR APPLICATION NUMBER: US 09/166,186  
; PRIOR FILING DATE: 1998-10-05  
; NUMBER OF SEQ ID NOS: 503  
; SEQ ID NO 175  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic

US-09-824-322B-175

Query Match 1.2%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 123 GAAGAAGGATGTCTG 138  
| | | | | | | | | |  
DB 17 GAAGATAGGGTGTCTG 2

RESULT 963

US-09-824-322B-176/c  
; Sequence 176, Application US/09824322B  
; Publication No. US20030022848A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Brenda  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Butler, Madeline M.  
; APPLICANT: Shanahan, William R.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR- $\alpha$   
; FILE REFERENCE: ISPH-0501  
; CURRENT APPLICATION NUMBER: US/09/824,322B  
; CURRENT FILING DATE: 2001-04-02  
; PRIOR APPLICATION NUMBER: US 09/313,932  
; PRIOR FILING DATE: 1999-05-18  
; PRIOR APPLICATION NUMBER: US 09/166,186  
; PRIOR FILING DATE: 1998-10-05  
; NUMBER OF SEQ ID NOS: 503  
; SEQ ID NO 176  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-09-824-322B-176

Query Match 1.2%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 123 GAAGAAGGATGTCTG 138  
| | | | | | | | | |  
DB 16 GAAGATAGGGTGTCTG 1

RESULT 964

US-09-918-156-47/c  
; Sequence 47, Application US/09918156  
; Publication No. US20030032016A1  
; GENERAL INFORMATION:  
; APPLICANT: Barany, Francis  
; APPLICANT: Lubin, Matthew  
; TITLE OF INVENTION: DETECTION OF NUCLEIC ACID SEQUENCE DIFFERENCES USING  
; TITLE OF INVENTION: COUPLED LIGASE DETECTION AND POLYMERASE CHAIN REACTIONS  
; FILE REFERENCE: 19603/441  
; CURRENT APPLICATION NUMBER: US/09/918,156  
; CURRENT FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 09/918,156  
; PRIOR FILING DATE: 2001-01-30  
; NUMBER OF SEQ ID NOS: 76  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 47  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:  
; OTHER INFORMATION: Oligonucleotide Sequence  
US-09-918-156-47

Query Match 1.2%; Score 12.8; DB 1; Length 18;

Best Local Similarity 87.5%; Pred. No. 7.2e+02; Indels 2; Gaps 0;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 297 GTGGGGCCCTGCATG 312  
Db 18 GTGGGGCCCTGCATG 3

RESULT 965  
US-10-388-263-341  
; Sequence 341, Application US/10388263  
; Publication No. US20030228597A1  
; GENERAL INFORMATION:  
; APPLICANT: Cowsert, Lex M.  
; APPLICANT: Baker, Brenda F.  
; APPLICANT: McNeil, John  
; APPLICANT: Freiler, Susan M.  
; APPLICANT: Sasnor, Henri M.  
; APPLICANT: Brooks, Douglas G.  
; APPLICANT: Ohashi, Cara  
; APPLICANT: Wyatt, Jacqueline R.  
; APPLICANT: Borchers, Alexander  
; APPLICANT: Vickers, Timothy A.  
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR  
; MODULATION BY OLIGONUCLEOTIDES AND  
; FILE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION  
; FILE REFERENCE: IS18-4503  
; CURRENT APPLICATION NUMBER: US/10/388,263  
; CURRENT FILING DATE: 2003-03-12  
; NUMBER OF SEQ ID NOS: 947  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 341  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-388-263-341

Query Match 1.2%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 323 CAGAGAGCTGTGGAG 338  
Db 3 CAGAGAGCTGTGGAG 18

RESULT 966  
US-10-270-839-125/c  
; Sequence 125, Application US/10270839  
; Publication No. US20030143586A1  
; GENERAL INFORMATION:  
; APPLICANT: Chao, Qimin  
; APPLICANT: Grasso, Luigi  
; APPLICANT: Sassi, Philip M.  
; APPLICANT: Nicolaides, Nicholas C.  
; TITLE OF INVENTION: Genetic Hypermutability of Plants for Gene Discovery and Diagnosis  
; FILE REFERENCE: AG0002US (WOR-0133)  
; CURRENT APPLICATION NUMBER: US/10/270,839  
; CURRENT FILING DATE: 2002-10-11  
; PRIOR APPLICATION NUMBER: 60/328,750  
; PRIOR FILING DATE: 2001-10-12  
; NUMBER OF SEQ ID NOS: 129  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 125  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer  
US-10-270-839-125

Query Match 1.2%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 872 CAACTCCATTGAGTC 887  
Db 17 CAACTCCATTGAGTC 2

RESULT 967  
US-10-440-850-1109/c  
; Sequence 1109, Application US/10440850  
; Publication No. US20030207837A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Jarvis, Thale  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Re  
; FILE OF INVENTION: Immune Responses  
; FILE REFERENCE: 250/130 (MBHB00-900-A)  
; CURRENT APPLICATION NUMBER: US/10/440,850  
; CURRENT FILING DATE: 2003-05-19  
; PRIOR APPLICATION NUMBER: US/09/650,012  
; PRIOR FILING DATE: 2000-08-28  
; PRIOR APPLICATION NUMBER: US 08/585,684  
; PRIOR FILING DATE: 1996-01-12  
; PRIOR APPLICATION NUMBER: US 60/000,951  
; PRIOR FILING DATE: 1995-07-07  
; PRIOR APPLICATION NUMBER: US 09/038,073  
; PRIOR FILING DATE: 1998-03-11  
; NUMBER OF SEQ ID NOS: 2285  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1109  
; LENGTH: 18  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-440-850-1109

Query Match 1.2%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 7.2e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 770 ACTGGAGAGAGTGT 785  
Db 18 ACTGGAGAGAGTGT 3

RESULT 968  
US-10-100-516-14/c  
; Sequence 14, Application US/10100516  
; Publication No. US20030096252A1  
; GENERAL INFORMATION:  
; APPLICANT: JAKOBSEN, NANA  
; APPLICANT: JAKOBSEN, MOGENS HAVSTEEN  
; APPLICANT: KAUPPINEN, SAKARI  
; TITLE OF INVENTION: HELPER PROBES FOR DETECTION OF A TARGET SEQUENCE BY A  
; FILE OF INVENTION: CAPTURE OLIGONUCLEOTIDE  
; FILE REFERENCE: 55808(71994)  
; CURRENT APPLICATION NUMBER: US/10/100,516  
; CURRENT FILING DATE: 2002-03-18  
; PRIOR APPLICATION NUMBER: 60/284,729  
; PRIOR FILING DATE: 2001-04-18  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 14  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-100-516-14

OTHER INFORMATION: a, t, c or g

OTHER INFORMATION: a, t, c or g

NUMBER OF SEQ ID NOS: 146  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 116  
LENGTH: 14  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
OTHER INFORMATION: oligonucleotide  
US-09-152-059-116

Query Match 1.1%; Score 12.4; DB 1; Length 14;  
Best Local Similarity 92.9%; Pred. No. 6.7e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
DB 1 AAAAAAAAAAAAAA 14

RESULT 973  
US-09-998-780-12/c  
Sequence 12, Application US/0998780  
Publication No. US20030229211A1  
GENERAL INFORMATION:  
APPLICANT: Keene, Jack D.  
Kenan, Daniel J.  
Tsal, Donald E.  
TITLE OF INVENTION: Nucleic Acid Epitopes and Methods of Making and Using the Same  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Kenneth D. Sibley; Bell, Seltzer, Park and Gibson  
STREET: Post Office Drawer 34009  
CITY: Charlotte  
STATE: No. US20030229211A1th Carolina  
COUNTRY: U.S.A.  
ZIP: 28234  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/998,780  
FILING DATE: 03-Dec-2001  
CLASSIFICATION: 424  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: US/07/944,208  
FILING DATE: 19920911  
ATTORNEY/AGENT INFORMATION:  
NAME: Sibley, Kenneth D.  
REGISTRATION NUMBER: 31,665  
REFERENCE/DOCKET NUMBER: 5405-69  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 919-881-3140  
TELEFAX: 919-881-3175  
TELEX: 575102  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: rRNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 12:

US-09-998-780-12  
Query Match 1.1%; Score 12.4; DB 1; Length 14;  
Best Local Similarity 92.9%; Pred. No. 6.7e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 404 CCTGCTCCAGCAGG 417  
DB 14 CCTGCTCCAGCAGG 1

RESULT 974  
US-10-008-029-116  
Sequence 116, Application US/10008029  
Publication No. US20030134808A1  
GENERAL INFORMATION:  
APPLICANT: WENGEL, JESPER  
APPLICANT: NIELSEN, POUL  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
FILE REFERENCE: 49165-C2(71994)  
CURRENT APPLICATION NUMBER: US/10/008,029  
CURRENT FILING DATE: 2001-11-05  
PRIOR APPLICATION NUMBER: 09/152,059  
PRIOR FILING DATE: 1998-09-11  
PRIOR APPLICATION NUMBER: 60/058,541  
PRIOR FILING DATE: 1997-09-12  
PRIOR APPLICATION NUMBER: 60/068,293  
PRIOR FILING DATE: 1997-12-19  
PRIOR APPLICATION NUMBER: 60/071,682  
PRIOR FILING DATE: 1998-01-16  
PRIOR APPLICATION NUMBER: 60/076,591  
PRIOR FILING DATE: 1998-03-03  
PRIOR APPLICATION NUMBER: 60/083,507  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/088,309  
PRIOR FILING DATE: 1998-06-05  
PRIOR APPLICATION NUMBER: 60/094,355  
PRIOR FILING DATE: 1998-07-28  
NUMBER OF SEQ ID NOS: 146  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 116  
LENGTH: 14  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-008-029-116

Query Match 1.1%; Score 12.4; DB 1; Length 14;  
Best Local Similarity 92.9%; Pred. No. 6.7e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1097  
DB 1 AAAAAAAAAAAAAA 14

RESULT 975  
US-10-208-650-116  
Sequence 116, Application US/10208650  
Publication No. US20030144231A1  
GENERAL INFORMATION:  
APPLICANT: WENGEL, JESPER  
APPLICANT: NIELSEN, POUL  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
FILE REFERENCE: 49165-C2(71994)  
CURRENT APPLICATION NUMBER: US/10/208,650  
CURRENT FILING DATE: 2002-07-29  
PRIOR APPLICATION NUMBER: US/10/008,029  
PRIOR FILING DATE: 2001-11-05  
PRIOR APPLICATION NUMBER: 09/152,059  
PRIOR FILING DATE: 1998-09-11  
PRIOR APPLICATION NUMBER: 60/058,541  
PRIOR FILING DATE: 1997-09-12  
PRIOR APPLICATION NUMBER: 60/068,293  
PRIOR FILING DATE: 1997-12-19  
PRIOR APPLICATION NUMBER: 60/071,682  
PRIOR FILING DATE: 1998-01-16

; PRIOR APPLICATION NUMBER: 60/076,591  
; PRIOR FILING DATE: 1998-03-03  
; PRIOR APPLICATION NUMBER: 60/083,507  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/088,309  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/094,355  
; PRIOR FILING DATE: 1998-07-28  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 116  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-208-650-116

Query Match 1.1%; Score 12.4; DB 1; Length 14;  
Best Local Similarity 92.9%; Pred. No. 6.7e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1097  
| | | | | | | | | | | | | | | |  
Db 1 AAAAAAAAAAAAAA 14

RESULT 976  
US-09-504-231A-1098/c  
; Sequence 1098, Application US/09504231A  
; Patent No. US20020013458A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE  
; FILE REFERENCE: IPI 247/282  
; CURRENT APPLICATION NUMBER: US/09/504,231A  
; PRIOR FILING DATE: 2000-02-15  
; PRIOR APPLICATION NUMBER: 09/274,553  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1998-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3242  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1098  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-504-231A-1098

Query Match 1.1%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 7.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 452 TGCCTTCAGGAAG 465  
| | | | | | | | | | | | | | | |  
Db 15 TGCCTTCAGGAAG 2

RESULT 977  
US-09-504-231A-1243/c  
; Sequence 1243, Application US/09504231A

; Patent No. US20020013458A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELA  
; FILE REFERENCE: IPI 247/282  
; CURRENT APPLICATION NUMBER: US/09/504,231A  
; PRIOR FILING DATE: 2000-02-15  
; PRIOR APPLICATION NUMBER: 09/274,553  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3242  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1243  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-504-231A-1243

Query Match 1.1%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 7.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 773 GGAGAAGAGTG 786  
| | | | | | | | | | | | | | | |  
Db 15 GGAGAAGAGTGAG 2

RESULT 978  
US-09-274-553D-1098/c  
; Sequence 1098, Application US/09274553D  
; Patent No. US2002008225A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELA  
; FILE REFERENCE: IPI 247/282  
; CURRENT APPLICATION NUMBER: US/09/274,553D  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3148  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1098  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-274-553D-1098

Query Match 1.1%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 7.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```
QY 452 TGCCTTCAGGAG 465
Db 15 TGCCTTCAGGAG 2

RESULT 979
US-09-274-553D-1243/c
; Sequence 1243, Application US/09274553D
; Patent No. US2002008225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macsjak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: IPI 247/282
; CURRENT APPLICATION NUMBER: US/09/274.553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1998-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1243
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-1243

Query Match 1.1%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 7.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 773 GGAGAGAAGTGTG 786
Db 15 GGAGAGAAGTGTG 2

RESULT 980
US-10-056-414-259/c
; Sequence 259, Application US/10056414
; Publication No. US20030003469A1
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; DISEASES OR CONDITIONS
; RELATED TO LEVELS OF
; NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/056,414
; FILING DATE: 23-Jan-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994

CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/056,414
; FILING DATE: August 15, 1994
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994

PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
```

```

; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 260:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 260:
US-10-056-414-260

Query Match      1.1%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 7.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 245 GCTCTTGAAGGACT 258
DB 14 GCTCTTGAAGGCT 1

RESULT 982
US-10-156-306-7797/c
; Sequence 7797, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: Levels of IKK-Gamma and PKR
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: Patent version 3.0
; SEQ ID NO 7797
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-7797

Query Match      1.1%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 7.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 760 AGATGGCAGAACTG 773
DB 15 AGATGGAGAACTG 2

RESULT 983
US-09-881-012-201/c
; Sequence 201, Application US/09881012
; Publication No. US20020192655A1
; GENERAL INFORMATION:
; APPLICANT: Ginns, Edward I.
; APPLICANT: Egeland, Janice A.
; APPLICANT: Paul, Steven M.
; APPLICANT: The Government of the United States of America
; APPLICANT: as represented by The Secretary of the
; APPLICANT: Department of Health and Human Services
; TITLE OF INVENTION: Susceptibility and Resistance Genes for
; FILE REFERENCE: Bipolar Affective Disorder
; CURRENT APPLICATION NUMBER: US/09/881,012
; CURRENT FILING DATE: 2001-06-13

```

```

; PRIOR APPLICATION NUMBER: US/09/175,158
; PRIOR FILING DATE: 1998-10-19
; PRIOR APPLICATION NUMBER: US 60/062,924
; PRIOR FILING DATE: 1997-10-20
; NUMBER OF SEQ ID NOS: 240
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 201
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: D6S1677 forward primer
US-09-881-012-201

Query Match      1.1%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 7.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 983 CTCAGCCCTTGAA 996
DB 16 CCCAGCCCTTGAA 3

RESULT 984
US-09-866-108-7667
; Sequence 7667, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,455
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aemica Sequence Listing Engine
; SEQ ID NO 7667
; LENGTH: 17

```



APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AECOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Aecomica Sequence Listing Engine  
SEQ ID NO 7793  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-7793

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 0; Gaps 0;

QY 825 GGTGCTGAAGCTGG 838  
Db 16 GCTGCTGAAGCTGG 3

RESULT 988  
US-09-866-108-7794/c  
Sequence 7794, Application US/09866108  
Patent No. US20020048800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AECOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Aecomica Sequence Listing Engine  
SEQ ID NO 7794  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-7794

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 825 GGTGCTGAAGCTGG 838  
Db 15 GCTGCTGAAGCTGG 2

RESULT 989  
US-09-866-108-7795/c  
Sequence 7795, Application US/09866108  
Patent No. US20020048800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AECOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 7795  
; TYPE: DNA  
; LENGTH: 17  
; ORGANISM: Homo sapiens  
US-09-866-108-7795

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 825 GGTGCTGAAGCTGG 838  
Db 14 GGTGCTGAAGCTGG 1

RESULT 990  
US-09-866-108-8103/c  
; Sequence 8103, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOmica-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662

; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 8103  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-8103

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 797 GCAGGACTGACTGA 810  
Db 17 GCAGGACTGACGGA 4

RESULT 991  
US-09-866-108-8104/c  
; Sequence 8104, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOmica-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752

; SOFTWARE: Acomica Sequence Listing Engine  
; SEQ ID NO 8104  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-8104

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 797 GCAGGACTGACTGA 810  
| | | | | | | | | | | | | | | | | | | | |  
Db 16 GCAGGACTGACGGA 3

RESULT 992

US-09-866-108-8105/c  
; Sequence 8105, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: ACOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Acomica Sequence Listing Engine  
; SEQ ID NO 8105  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-8105

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 797 GCAGGACTGACTGA 810  
| | | | | | | | | | | | | | | | | | | | |  
Db 15 GCAGGACTGACGGA 2

RESULT 993

US-09-866-108-8106/c  
; Sequence 8106, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: ACOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Acomica Sequence Listing Engine  
; SEQ ID NO 8106  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-8106

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 797 GCAGGACTGACTGA 810  
| | | | | | | | | | | | | | | | | | | | |  
Db 14 GCAGGACTGACGGA 1

RESULT 994

US-09-866-108-8385/c  
; Sequence 8385, Application US/09866108  
; Patent No. US20020048800A1

```

CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-03-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/006666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/006667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/006664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/006669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/006665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/006668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/006663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/006662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/006661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/006670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 8386
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-8386

Query Match      1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred.No.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      401 CACCTGCTCCAGC 414
DB      14 CACTGCTCCAGC 1

RESULT 996
US-09-866-108-8651/c
; Sequence 8651, Application US/09866108
; Patent No..US2002048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ASOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30

```

PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Aecomica Sequence Listing Engine  
SEQ ID NO 8651  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-8651

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02; 0; Mismatches 0; Indels 1; Gaps 0;  
Matches 13; Conservative 0;

QY 33 TCCTCCAGGTGCAG 46  
DB 17 TCCTCCAGGTGCAG 4

RESULT 997

US-09-864-785-246/c  
Sequence 246, Application US/09864785  
Patent No. US2002017568A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Draper, Ken  
APPLICANT: Stinchcomb, Dan  
APPLICANT: McSwiggen, Jim  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
TITLE OF INVENTION: Levels of NF-kappa B  
FILE REFERENCE: 400/022 (MBH800-812-D)  
CURRENT APPLICATION NUMBER: US/09/864,785  
CURRENT FILING DATE: 2001-05-23  
NUMBER OF SEQ ID NOS: 3929  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 246  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-864-785-246

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02; 0; Mismatches 0; Indels 1; Gaps 0;  
Matches 13; Conservative 0;

QY 245 GCTCTTGAAGGACT 258  
DB 14 GCTCTTGAAGGCT 1

RESULT 998

US-09-825-805-376  
Sequence 376, Application US/09825805  
Publication No. US20030004122A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Beigelman, Leo  
APPLICANT: Beaudry, Amber  
APPLICANT: Karpeisky, Alex  
APPLICANT: Adamic, Jasenka Matulic  
APPLICANT: Sweedler, Dave  
APPLICANT: Zinnen, Shawn  
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucle  
FILE REFERENCE: MBH800-831-F (400/009)  
CURRENT APPLICATION NUMBER: US/09/825,805  
CURRENT FILING DATE: 2001-09-27  
PRIOR APPLICATION NUMBER: 09/578,223  
PRIOR FILING DATE: 2000-05-23  
PRIOR APPLICATION NUMBER: 09/476,387  
PRIOR FILING DATE: 1999-12-30  
PRIOR APPLICATION NUMBER: 09/474,432  
PRIOR FILING DATE: 1999-12-29  
PRIOR APPLICATION NUMBER: 09/301,511  
PRIOR FILING DATE: 1999-04-28  
PRIOR APPLICATION NUMBER: 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: 60/083,727  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/064,866  
PRIOR FILING DATE: 1997-11-05  
NUMBER OF SEQ ID NOS: 1558  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 376  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-825-805-376

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 78.6%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;  
Matches 11; Conservative 2; Mismatches 1;

QY 423 CGGCTGCCCCCTGC 436  
DB 4 CGCUCGCCCCCUGC 17

RESULT 999

US-09-825-805-467/c  
Sequence 467, Application US/09825805  
Publication No. US20030004122A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Beigelman, Leo  
APPLICANT: Beaudry, Amber  
APPLICANT: Karpeisky, Alex  
APPLICANT: Adamic, Jasenka Matulic  
APPLICANT: Sweedler, Dave  
APPLICANT: Zinnen, Shawn  
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucle  
FILE REFERENCE: MBH800-831-F (400/009)  
CURRENT APPLICATION NUMBER: US/09/825,805  
CURRENT FILING DATE: 2001-09-27  
PRIOR APPLICATION NUMBER: 09/578,223  
PRIOR FILING DATE: 2000-05-23  
PRIOR APPLICATION NUMBER: 09/476,387  
PRIOR FILING DATE: 1999-12-30  
PRIOR APPLICATION NUMBER: 09/474,432  
PRIOR FILING DATE: 1999-12-29  
PRIOR APPLICATION NUMBER: 09/301,511  
PRIOR FILING DATE: 1999-04-28  
PRIOR APPLICATION NUMBER: 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: 60/083,727

; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1558  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 467  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-825-805-467

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 143 GGGGGCTGCAGTC 156  
|||||  
Db 17 GGGGGCTGCAGTC 4

RESULT 1000  
US-09-825-805-502/c  
; Sequence 502, Application US/09825805  
; Publication No. US20030004122A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn

; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleo  
; FILE REFERENCE: MEHB00-831-F (400/009)  
; CURRENT APPLICATION NUMBER: US/09/825,805  
; CURRENT FILING DATE: 2001-09-27  
; PRIOR APPLICATION NUMBER: 09/578,223  
; PRIOR FILING DATE: 2000-05-23  
; PRIOR APPLICATION NUMBER: 09/476,387  
; PRIOR FILING DATE: 1999-12-30  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; NUMBER OF SEQ ID NOS: 1558  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 502  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-825-805-502

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 671 GAAGCTCACAGTG 684  
|||||  
Db 17 GCAGCTCACAGTG 4

RESULT 1001  
US-09-825-805-625/c  
; Sequence 625, Application US/09825805  
; Publication No. US20030004122A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucle  
; FILE REFERENCE: MEHB00-831-F (400/009)  
; CURRENT APPLICATION NUMBER: US/09/825,805  
; CURRENT FILING DATE: 2001-09-27  
; PRIOR APPLICATION NUMBER: 09/578,223  
; PRIOR FILING DATE: 2000-05-23  
; PRIOR APPLICATION NUMBER: 09/476,387  
; PRIOR FILING DATE: 1999-12-30  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; NUMBER OF SEQ ID NOS: 1558  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 625  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-825-805-625

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 77 ATGCACTGTGGT 90  
|||||  
Db 15 ATGCACTGTGGT 2

RESULT 1002  
US-09-825-805-627/c  
; Sequence 627, Application US/09825805  
; Publication No. US20030004122A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucle  
; FILE REFERENCE: MEHB00-831-F (400/009)  
; CURRENT APPLICATION NUMBER: US/09/825,805  
; CURRENT FILING DATE: 2001-09-27  
; PRIOR APPLICATION NUMBER: 09/578,223  
; PRIOR FILING DATE: 2000-05-23  
; PRIOR APPLICATION NUMBER: 09/476,387  
; PRIOR FILING DATE: 1999-12-30  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; NUMBER OF SEQ ID NOS: 1558  
; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 627  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-825-805-627  
  
Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02; Mismatches 0; Indels 0; Gaps 0;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
Qy 670 TGAAGCTCACAGAT 683  
Db 14 TGCAGCTCACAGAT 1  
  
RESULT 1003  
US-09-825-805-666/c  
; Sequence 666, Application US/09825805  
; Publication No. US20030004122A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
; FILE REFERENCE: MBH800-831-F (400/009)  
; CURRENT APPLICATION NUMBER: US/09/825,805  
; CURRENT FILING DATE: 2001-09-27  
; PRIOR APPLICATION NUMBER: 09/578,223  
; PRIOR FILING DATE: 2000-05-23  
; PRIOR APPLICATION NUMBER: 09/476,387  
; PRIOR FILING DATE: 1999-12-30  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1558  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 674  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-825-805-674  
  
Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02; Mismatches 0; Indels 0; Gaps 0;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
Qy 6 AGCCACAGCCAGCT 19  
Db 17 AGCCCCAGCCAGCT 4  
  
RESULT 1005  
US-09-818-875-2218  
; Sequence 2218, Application US/09818875  
; Publication No. US20030051270A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gampert, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/09/818,875  
; CURRENT FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 2218  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-818-875-2218  
  
Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02; Mismatches 0; Indels 0; Gaps 0;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
Qy 568 GATCCTCGTGCCT 581  
Db 3 GATCCTCGTGCCT 16

; SEQ ID NO 627  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-825-805-627  
  
Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02; Mismatches 0; Indels 0; Gaps 0;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
Qy 670 TGAAGCTCACAGAT 683  
Db 14 TGCAGCTCACAGAT 1  
  
RESULT 1003  
US-09-825-805-666/c  
; Sequence 666, Application US/09825805  
; Publication No. US20030004122A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
; FILE REFERENCE: MBH800-831-F (400/009)  
; CURRENT APPLICATION NUMBER: US/09/825,805  
; CURRENT FILING DATE: 2001-09-27  
; PRIOR APPLICATION NUMBER: 09/578,223  
; PRIOR FILING DATE: 2000-05-23  
; PRIOR APPLICATION NUMBER: 09/476,387  
; PRIOR FILING DATE: 1999-12-30  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1558  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 666  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-825-805-666  
  
Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02; Mismatches 0; Indels 0; Gaps 0;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
Qy 413 GCAGGCTCTCCGC 426  
Db 14 GCAGGCTGTCCGC 1  
  
RESULT 1004  
US-09-825-805-674/c  
; Sequence 674, Application US/09825805  
; Publication No. US20030004122A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave

NAME: Choi, Wendy A.  
REGISTRATION NUMBER: 36,697  
REFERENCE/DOCKET NUMBER: 10971464-1  
TELEPHONE: 650-236-2386  
TELEFAX: 650-852-8063  
INFORMATION FOR SEQ ID NO: 108:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
SEQUENCE DESCRIPTION: SEQ ID NO: 108:  
US-09-784-674-108

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;  
Matches 13; Conservative 0; Mismatches 0; Mismatches 1; Indels 0; Gaps 0;

Qy 133 TGTCTGCTTTGGG 146  
Db 4 TGTCTGCTTTGGG 17

RESULT 1008  
US-09-780-533A-420/c  
; Sequence 420, Application US/09780533A  
; Publication No. US20030060611A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Chowrira, Bharat  
; APPLICANT: Haerberli, Pete  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene  
; FILE REFERENCE: MBH00,878-A (400/011)  
; CURRENT APPLICATION NUMBER: US/09/780,533A  
; CURRENT FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: US 60/181,797  
; PRIOR FILING DATE: 2000-02-11  
; NUMBER OF SEQ ID NOS: 6679  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 420  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-780-533A-420

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;  
Matches 13; Conservative 0; Mismatches 0; Mismatches 1; Indels 0; Gaps 0;

Qy 793 AACTGCAGTACTGA 806  
Db 17 AACTGCAGTACTGA 4

RESULT 1009  
US-09-780-533A-2482  
; Sequence 2482, Application US/09780533A  
; Publication No. US20030060611A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Chowrira, Bharat  
; APPLICANT: Haerberli, Pete  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene  
; FILE REFERENCE: MBH00,878-A (400/011)  
; CURRENT APPLICATION NUMBER: US/09/780,533A

RESULT 1006  
US-09-818-875-2219/c  
; Sequence 2219, Application US/09818875  
; Publication No. US20030051270A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamber, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; TITLE OF INVENTION: Stranded Oligonucleotides  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/09/818,875  
; CURRENT FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 2219  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-818-875-2219

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;  
Matches 13; Conservative 0; Mismatches 0; Mismatches 1; Indels 0; Gaps 0;

Qy 568 GATCCTCGTGCT 581  
Db 15 GATCCTCGTGCT 2

RESULT 1007  
US-09-784-674-108  
; Sequence 108, Application US/09784674  
; Publication No. US20030054346A1  
; GENERAL INFORMATION:  
; APPLICANT: Shannon, Karen W.  
; APPLICANT: Wolber, Paul K.  
; APPLICANT: Delenstarr, Glenda C.  
; APPLICANT: Webb, Peter G.  
; APPLICANT: Kincaid, Robert H.  
; TITLE OF INVENTION: Methods for evaluating oligonucleotide  
; MEDIUM TYPE: Probe sequences  
; NUMBER OF SEQUENCES: 1165  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard  
; COMPANY M/S 2050  
; STREET: 3000 Hanover Street  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/784,674  
FILING DATE: 15-Feb-2001  
CLASSIFICATION: No. US20030054346A1 available  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/021,701  
FILING DATE: 10-FEB-1998  
ATTORNEY/AGENT INFORMATION:

; CURRENT FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: US 60/181,797  
; PRIOR FILING DATE: 2000-02-11  
; NUMBER OF SEQ ID NOS: 6679  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2482  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-780-533A-2482

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 78.6%; Pred. No. 8e+02;  
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1008 GAGATGGGAGTG 1021  
DB 3 GAGAUUGGAGUG 16

RESULT 1010  
US-09-877-478-916/c  
; Sequence 916, Application US/09877478  
; Publication No. US20030068301A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Morrissey, Dave  
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication  
; FILE REFERENCE: MBH00-845-H (400/029)  
; CURRENT FILING DATE: 2001-12-31  
; PRIOR APPLICATION NUMBER: US 07/882,712  
; PRIOR FILING DATE: 1992-05-14  
; PRIOR APPLICATION NUMBER: US 09/531,025  
; PRIOR FILING DATE: 2000-03-20  
; PRIOR APPLICATION NUMBER: US 09/636,385  
; PRIOR FILING DATE: 2000-08-09  
; PRIOR APPLICATION NUMBER: US 09/696,347  
; PRIOR FILING DATE: 2000-10-24  
; PRIOR APPLICATION NUMBER: US 08/193,627  
; PRIOR FILING DATE: 1994-02-07  
; PRIOR APPLICATION NUMBER: US 08/433,993  
; PRIOR FILING DATE: 1995-05-04  
; PRIOR APPLICATION NUMBER: US 08/434,504  
; PRIOR FILING DATE: 1995-05-04  
; PRIOR APPLICATION NUMBER: US 09/436,430  
; PRIOR FILING DATE: 1999-11-08  
; NUMBER OF SEQ ID NOS: 6586  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 916  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Hepatitis B virus  
US-09-877-478-916

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 936 TTTTGTATTATGAG 949  
DB 17 TTTTGTATTATGAG 4

RESULT 1011  
US-09-877-478-1919/c  
; Sequence 1919, Application US/09877478  
; Publication No. US20030068301A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Draper, Kenneth  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Morrissey, Dave  
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication  
; FILE REFERENCE: MBH00-845-H (400/029)  
; CURRENT FILING DATE: 2001-12-31  
; PRIOR APPLICATION NUMBER: US 07/882,712  
; PRIOR FILING DATE: 1992-05-14  
; PRIOR APPLICATION NUMBER: US 09/531,025  
; PRIOR FILING DATE: 2000-03-20  
; PRIOR APPLICATION NUMBER: US 09/636,385  
; PRIOR FILING DATE: 2000-08-09  
; PRIOR APPLICATION NUMBER: US 09/696,347  
; PRIOR FILING DATE: 2000-10-24  
; PRIOR APPLICATION NUMBER: US 08/193,627  
; PRIOR FILING DATE: 1994-02-07  
; PRIOR APPLICATION NUMBER: US 08/433,993  
; PRIOR FILING DATE: 1995-05-04  
; PRIOR APPLICATION NUMBER: US 08/434,504  
; PRIOR FILING DATE: 1995-05-04  
; PRIOR APPLICATION NUMBER: US 09/436,430  
; PRIOR FILING DATE: 1999-11-08  
; NUMBER OF SEQ ID NOS: 6586  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1919  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Hepatitis B virus  
US-09-877-478-1919

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 936 TTTTGTATTATGAG 949  
DB 14 TTTTGTATTATGAG 1

RESULT 1012  
US-09-848-754A-415/c  
; Sequence 415, Application US/09848754A  
; Publication No. US20030073207A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors  
; FILE REFERENCE: MBH00-958-I (400/018)  
; CURRENT FILING DATE: 2001-05-03  
; NUMBER OF SEQ ID NOS: 9645  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 415  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-848-754A-415

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 813 CCTGTACTGTGGG 826  
DB 14 CCTGTACTGTGGG 1

RESULT 1013  
US-09-776-474-472  
; Sequence 472, Application US/09776474  
; Publication No. US20030087847A1

; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: Boher, Robert  
; APPLICANT: Holman, Patricia  
; APPLICANT: Fattaey, Ali  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK)  
; FILE REFERENCE: MBH00-955-A (400/008)  
; CURRENT APPLICATION NUMBER: US/09/776,474  
; CURRENT FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,983  
; PRIOR FILING DATE: 2000-03-02  
; NUMBER OF SEQ ID NOS: 2992  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 472  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-776-474-472

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 71.4%; Pred. No. 8e+02;  
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 983 CTCAGCCCTGGAA 996  
|:|||||:  
Db 2 CUCACCCUUGGAA 15

RESULT 1014  
US-09-776-474-473  
; Sequence 473, Application US/09776474  
; Publication No. US20030087847A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: Boher, Robert  
; APPLICANT: Holman, Patricia  
; APPLICANT: Fattaey, Ali  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK)  
; FILE REFERENCE: MBH00-955-A (400/008)  
; CURRENT APPLICATION NUMBER: US/09/776,474  
; CURRENT FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,983  
; PRIOR FILING DATE: 2000-03-02  
; NUMBER OF SEQ ID NOS: 2992  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 473  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-776-474-473

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 71.4%; Pred. No. 8e+02;  
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 983 CTCAGCCCTGGAA 996  
|:|||||:  
Db 1 CUCACCCUUGGAA 14

RESULT 1015  
US-09-740-332-1783  
; Sequence 1783, Application US/09740332

; Publication No. US20030125270A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; FILE REFERENCE: RPI 400/003  
; CURRENT APPLICATION NUMBER: US/09/740,332  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9704  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1783  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-740-332-1783

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 78.6%; Pred. No. 8e+02;  
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 704 GGTGCCCATAGCCA 717  
|:|||||:  
Db 2 GGUGCCCAUGCCA 15

RESULT 1016  
US-09-740-332-2772/c  
; Sequence 2772, Application US/09740332  
; Publication No. US20030125270A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; FILE REFERENCE: RPI 400/003  
; CURRENT APPLICATION NUMBER: US/09/740,332  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9704  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2772  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-740-332-2772

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 704 GGTGCCCATAGCCA 717  
|:|||||:  
Db 17 GGTGCCCATAGCCA 4

RESULT 1017  
US-10-307-005-1559  
; Sequence 1559, Application US/10307005  
; Publication No. US20030236208A1  
; GENERAL INFORMATION:  
; APPLICANT: University of Delaware  
; APPLICANT: Eric B. Kmiec  
; APPLICANT: Howard B. Gamper  
; APPLICANT: Michael C. Rice  
; APPLICANT: Jungsup Kim  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants  
; USING Modified Single Stranded Oligonucleotides

; FILE REFERENCE: Napro/009 PCT  
 ; CURRENT APPLICATION NUMBER: US/10/307,005  
 ; CURRENT FILING DATE: 2002-11-26  
 ; PRIOR APPLICATION NUMBER: PCT/US01/17672  
 ; PRIOR FILING DATE: 2001-06-01  
 ; PRIOR APPLICATION NUMBER: US 60/208,538  
 ; PRIOR FILING DATE: 2000-06-01  
 ; PRIOR APPLICATION NUMBER: US 60/244,999  
 ; PRIOR FILING DATE: 2000-10-30  
 ; PRIOR APPLICATION NUMBER: US 09/818,875  
 ; PRIOR FILING DATE: 2001-03-27  
 ; NUMBER OF SEQ ID NOS: 2717  
 ; SOFTWARE: Friedman macro Napro4  
 ; SEQ ID NO 1559  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Cicer arietinum  
 US-10-307-005-1559

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
 Best Local Similarity 92.9%; Pred. No. 8e+02;  
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1067 GAGGTAAGCAACT 1080  
 DB 3 GAGGTAAGCAACT 16

RESULT 1018  
 US-10-307-005-1560/c  
 ; Sequence 1560, Application US/10307005  
 ; Publication No. US20030236208A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: University of Delaware  
 ; APPLICANT: Eric B. Kniec  
 ; APPLICANT: Howard B. Gamber  
 ; APPLICANT: Michael C. Rice  
 ; APPLICANT: Jungsup Kim  
 ; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants  
 ; TITLE OF INVENTION: Using Modified Single Stranded Oligonucleotides  
 ; FILE REFERENCE: Napro/009 PCT  
 ; CURRENT APPLICATION NUMBER: US/10/307,005  
 ; CURRENT FILING DATE: 2002-11-26  
 ; PRIOR APPLICATION NUMBER: PCT/US01/17672  
 ; PRIOR FILING DATE: 2001-06-01  
 ; PRIOR APPLICATION NUMBER: US 60/208,538  
 ; PRIOR FILING DATE: 2000-06-01  
 ; PRIOR APPLICATION NUMBER: US 60/244,989  
 ; PRIOR FILING DATE: 2000-10-30  
 ; PRIOR APPLICATION NUMBER: US 09/818,875  
 ; PRIOR FILING DATE: 2001-03-27  
 ; NUMBER OF SEQ ID NOS: 2717  
 ; SOFTWARE: Friedman macro Napro4  
 ; SEQ ID NO 1560  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Cicer arietinum  
 US-10-307-005-1560

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
 Best Local Similarity 92.9%; Pred. No. 8e+02;  
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1067 GAGGTAAGCAACT 1080  
 DB 15 GAGGTAAGCAACT 2

RESULT 1019  
 US-09-792-818-366  
 ; Sequence 366, Application US/09792818  
 ; Publication No. US20030134806A1  
 ; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Jarvis, Thale  
 ; APPLICANT: Von Carlowitz, Ira  
 ; APPLICANT: McSwiggen, Jim  
 ; APPLICANT: Hamblin, Paul  
 ; APPLICANT: Ellis, Jonathan  
 ; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Ins  
 ; FILE REFERENCE: MBHB00-901-A (400/013)  
 ; CURRENT APPLICATION NUMBER: US/09/792,818  
 ; CURRENT FILING DATE: 2001-02-23  
 ; NUMBER OF SEQ ID NOS: 2304  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 366  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-09-792-818-366

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
 Best Local Similarity 92.9%; Pred. No. 8e+02;  
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GCACGAGCCACAGC 14  
 DB 4 GCACGAGCCACAGC 17

RESULT 1020  
 US-09-792-818-368  
 ; Sequence 368, Application US/09792818  
 ; Publication No. US20030134806A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Jarvis, Thale  
 ; APPLICANT: Von Carlowitz, Ira  
 ; APPLICANT: McSwiggen, Jim  
 ; APPLICANT: Hamblin, Paul  
 ; APPLICANT: Ellis, Jonathan  
 ; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Ins  
 ; TITLE OF INVENTION: (GRID) Gene  
 ; FILE REFERENCE: MBHB00-901-A (400/013)  
 ; CURRENT APPLICATION NUMBER: US/09/792,818  
 ; CURRENT FILING DATE: 2001-02-23  
 ; NUMBER OF SEQ ID NOS: 2304  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 368  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-09-792-818-368

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
 Best Local Similarity 92.9%; Pred. No. 8e+02;  
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 CACGAGCCACAGCC 15  
 DB 1 CACGAGCCACAGCC 14

RESULT 1021  
 US-10-238-700-389/c  
 ; Sequence 389, Application US/10238700  
 ; Publication No. US20030153521A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: McSwiggen, James  
 ; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Lev  
 ; FILE REFERENCE: 400/057 (MBHB01-1158-A)  
 ; CURRENT APPLICATION NUMBER: US/10/238,700  
 ; CURRENT FILING DATE: 2002-09-18  
 ; PRIOR APPLICATION NUMBER: PCT/US 02/16840

; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/318,471  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 389  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-238-700-389

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1028 GGGCTGGCTTCA 1041  
|||  
DB 17 GGGCTGGCTTCA 4

RESULT 1022  
US-10-238-700-395  
; Sequence 395, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level  
; FILE REFERENCE: 400/057 (MHE01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; CURRENT FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/318,471  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 395  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-238-700-395

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 64.3%; Pred. No. 8e+02;  
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1035 GCTTCATAGTGAG 1048  
|||  
DB 3 GCUUUAUAGAGAG 16

RESULT 1023  
US-10-238-700-2702/c  
; Sequence 2702, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level  
; FILE REFERENCE: 400/057 (MHE01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; CURRENT FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/318,471  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2702  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens

US-10-238-700-2702

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 722 TCAGGAGCTGCGGT 735  
|||  
DB 16 TCAGGAGCTGCGGT 3

RESULT 1024  
US-10-238-700-3400  
; Sequence 3400, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Lev  
; FILE REFERENCE: 400/057 (MHE01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; CURRENT FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/318,471  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3400  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-238-700-3400

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 85.7%; Pred. No. 8e+02;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 6 AGCCACAGCCAGCT 19  
|||  
DB 1 AGCCACAGACAGCU 14

RESULT 1025  
US-10-339-782-248  
; Sequence 248, Application US/10339782  
; Publication No. US20030186026A1  
; GENERAL INFORMATION:  
; APPLICANT: Lytx Therapeutics, Inc.  
; APPLICANT: Goodman, Laurie J  
; APPLICANT: Bowen, Benjamin A  
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells  
; FILE REFERENCE: 37-000110US  
; CURRENT APPLICATION NUMBER: US/10/339,782  
; CURRENT FILING DATE: 2003-01-08  
; NUMBER OF SEQ ID NOS: 495  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 248  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-339-782-248

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 726 GAGCTGCGGTACAG 739  
|||  
DB 1 GATCTGCGGTACAG 14

RESULT 1026

```
US-10-339-782-467/c
; Sequence 467, Application US/10339782
; Publication No. US20030166026A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Goodman, Laurie J.
; APPLICANT: Bowen, Benjamin A
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
; FILE REFERENCE: 37-000110US
; CURRENT APPLICATION NUMBER: US/10/339,782
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 467
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-782-467

Query Match      1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 1; Gaps 0;

QY 769 AACTGGAGAAGAG 782
Db 17 AACTGGAGAAGAG 4

RESULT 1027
US-09-817-879-1783
; Sequence 1783, Application US/09817879
; Publication No. US2003017131A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1783
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-1783

Query Match      1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 8e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 704 GGTGCCCATAGCCA 717
Db 2 GGUGCCCAUUGCCA 15

RESULT 1028
US-09-817-879-2772/c
; Sequence 2772, Application US/09817879
; Publication No. US2003017131A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2772
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2772

Query Match      1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 1; Gaps 0;

QY 704 GGTGCCCATAGCCA 717
Db 17 GGTGCCCATAGCCA 4

RESULT 1029
US-10-339-793-142
; Sequence 142, Application US/10339793
; Publication No. US20030180764A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Shang, Jin
; APPLICANT: Bowen, Benjamin
; TITLE OF INVENTION: GENES AFFECTED BY CHOLESTEROL TREATMENT AND DURING ADIPOGENESIS
; FILE REFERENCE: 37-000310US
; CURRENT APPLICATION NUMBER: US/10/339,793
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 443
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 142
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-793-142

Query Match      1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 1; Gaps 0;

QY 685 GATCTGCACACCGC 698
Db 1 GATCTGCCACCGC 14

RESULT 1030
US-10-338-777-382/c
; Sequence 382, Application US/10338777
; Publication No. US20030188343A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: United States Department of Agriculture
; APPLICANT: Bowen, Benjamin A
; APPLICANT: Haudenschild, Christian D
; APPLICANT: Buckler, Edward S
; TITLE OF INVENTION: Identification of Genes Associated with Growth in Plants
; FILE REFERENCE: 37-000510US
; CURRENT APPLICATION NUMBER: US/10/338,777
; CURRENT FILING DATE: 2003-01-07
; NUMBER OF SEQ ID NOS: 405
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 382
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-10-338-777-382

Query Match      1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 1; Gaps 0;
```

QY 114 AAGAAACGGGAGA 127  
|||||  
Db 16 AAGAAACGGGAGA 3

## RESULT 1031

US-10-209-787-2218  
; Sequence 2218, Application US/10209787  
; Publication No. US20030217377A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/10/209,787  
; CURRENT FILING DATE: 2002-07-30  
; PRIOR APPLICATION NUMBER: US 09/818,875  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 2218  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-209-787-2218

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02; Mismatches 0; Gaps 0;  
Matches 13; Conservative 0; Indels 1; Indels 0; Gaps 0;

QY 568 GATCCTCGTGCCT 581  
|||||  
Db 3 GATCCTCGTGCCT 16

## RESULT 1032

US-10-209-787-2219/c  
; Sequence 2219, Application US/10209787  
; Publication No. US20030217377A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/10/209,787  
; CURRENT FILING DATE: 2002-07-30  
; PRIOR APPLICATION NUMBER: US 09/818,875  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 2219  
; LENGTH: 17

; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-209-787-2219  
Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02; Mismatches 0; Gaps 0;  
Matches 13; Conservative 0; Indels 1; Indels 0; Gaps 0;  
QY 568 GATCCTCGTGCCT 581  
|||||  
Db 15 GATCCTCGTGCCT 2  
RESULT 1033  
US-10-041-856-35/c  
; Sequence 35, Application US/10041856  
; Publication No. US20020169299A1  
; GENERAL INFORMATION:  
; APPLICANT: SLAUGENHAUPT, SUSAN  
; APPLICANT: GUSELLA, JAMES F.  
; TITLE OF INVENTION: GENE FOR IDENTIFYING INDIVIDUALS WITH FAMILIAL  
; TITLE OF INVENTION: DYSAUTONOMIA  
; FILE REFERENCE: 1829-4004US1  
; CURRENT APPLICATION NUMBER: US/10/041,856  
; CURRENT FILING DATE: 2002-07-08  
; PRIOR APPLICATION NUMBER: 60/260,080  
; PRIOR FILING DATE: 2001-01-06  
; NUMBER OF SEQ ID NOS: 88  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 35  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Mus sp.  
US-10-041-856-35

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02; Mismatches 0; Gaps 0;  
Matches 13; Conservative 0; Indels 1; Indels 0; Gaps 0;

QY 1082 TTAATAAAAAAAAA 1095  
|||||  
Db 14 TGAATAAAAAAAAA 1

## RESULT 1034

US-10-060-830-740/c  
; Sequence 740, Application US/10060830  
; Publication No. US20030032154A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; APPLICANT: Nguyen, Cung-Thuong  
; TITLE OF INVENTION: HUMAN LCL DOMAIN CONTAINING PROTEIN  
; FILE REFERENCE: PB0169  
; CURRENT APPLICATION NUMBER: US/10/060,830  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/325,062  
; PRIOR FILING DATE: 2001-09-25  
; NUMBER OF SEQ ID NOS: 1123  
; SOFTWARE: Aecmica Sequence Listing Engine

```
; SEQ ID NO 740
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-740

Query Match      1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      203 CCTGGGTTCCCGC 216
Db      17 CCTGGCTTCCGAG 4

RESULT 1035
US-10-060-830-741/c
; Sequence 741, Application US/10060830
; Publication No. US20030032154A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN LCCL DOMAIN CONTAINING PROTEIN
; FILE REFERENCE: PB0169
; CURRENT APPLICATION NUMBER: US/10/060,830
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/325,062
; PRIOR FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 741
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-741

Query Match      1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      203 CCTGGGTTCCCGC 216
Db      16 CCTGGCTTCCGAG 3

RESULT 1036
US-10-060-830-742/c
; Sequence 742, Application US/10060830
; Publication No. US20030032154A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN LCCL DOMAIN CONTAINING PROTEIN
; FILE REFERENCE: PB0169
; CURRENT APPLICATION NUMBER: US/10/060,830
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/325,062
; PRIOR FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 742
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-742

Query Match      1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      203 CCTGGGTTCCCGC 216
Db      15 CCTGGCTTCCGAG 2

RESULT 1037
US-10-060-830-743/c
; Sequence 743, Application US/10060830
; Publication No. US20030032154A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN LCCL DOMAIN CONTAINING PROTEIN
; FILE REFERENCE: PB0169
; CURRENT APPLICATION NUMBER: US/10/060,830
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/325,062
; PRIOR FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 743
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-743

Query Match      1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      203 CCTGGGTTCCCGC 216
Db      14 CCTGGCTTCCGAG 1
```

```
RESULT 1038
US-10-060-895A-113/c
; Sequence 113, Application US/10060895A
; Publication No. US20030104403A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYLGLACTOSAMINYLTRANSFERASE 10
; FILE REFERENCE: PB0158
; CURRENT APPLICATION NUMBER: US/10/060,895A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/315,984
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 1682
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 113
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-113

Query Match 1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0;

QY 12 AGCCAGCTACCGCG 25
    |||||
DB 17 AGCCGGCTACCGCG 4

RESULT 1039
US-10-060-895A-114/c
; Sequence 114, Application US/10060895A
; Publication No. US20030104403A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYLGLACTOSAMINYLTRANSFERASE 10
; FILE REFERENCE: PB0158
; CURRENT APPLICATION NUMBER: US/10/060,895A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/315,984
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 1682
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 113
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-113

Query Match 1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0;

QY 12 AGCCAGCTACCGCG 25
    |||||
DB 17 AGCCGGCTACCGCG 4
```

```
RESULT 1040
US-10-060-895A-115/c
; Sequence 115, Application US/10060895A
; Publication No. US20030104403A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYLGLACTOSAMINYLTRANSFERASE 1
; FILE REFERENCE: PB0158
; CURRENT APPLICATION NUMBER: US/10/060,895A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/315,984
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 1682
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 115
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-115

Query Match 1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0;

QY 12 AGCCAGCTACCGCG 25
    |||||
DB 16 AGCCGGCTACCGCG 3

RESULT 1041
US-10-060-895A-116/c
; Sequence 116, Application US/10060895A
; Publication No. US20030104403A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYLGLACTOSAMINYLTRANSFERASE 1
; FILE REFERENCE: PB0158
; CURRENT APPLICATION NUMBER: US/10/060,895A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/315,984
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 1682
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 116
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-116

Query Match 1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0;

QY 12 AGCCAGCTACCGCG 25
    |||||
DB 15 AGCCGGCTACCGCG 2
```

```

RESULT 1041
US-10-060-895A-116/c
; Sequence 116, Application US/10060895A
; Publication No. US20030104403A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN UDP-GALNAc:POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE 10
; FILE REFERENCE: PB0158
; CURRENT APPLICATION NUMBER: US/10/060,895A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/315,984
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 1682
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 116
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-116

Query Match 1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 AGCCGAGTACCCGG 25
Db 14 AGCCGGCTACCCGG 1

RESULT 1042
US-10-163-552-219/c
; Sequence 219, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; FILE REFERENCE: MHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 219
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-219

Query Match 1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 AGCCGAGTACCCGG 25
Db 14 AGCCGGCTACCCGG 1

RESULT 1043
US-10-163-552-222/c
; Sequence 222, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to leve
; FILE REFERENCE: MHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 222
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-222

Query Match 1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 671 GAAGCTCACAGATG 684
Db 17 GCAGCTCACAGATG 4

RESULT 1044
US-10-163-552-223/c
; Sequence 223, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to leve
; FILE REFERENCE: MHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 223
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-223

Query Match 1.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 670 TGAAGCTCACAGAT 683
Db 14 TGCAGCTCACAGAT 1

RESULT 1045
US-10-163-552-263
; Sequence 263, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to leve

```

```

; TITLE OF INVENTION: HER2
; FILE REFERENCE: MBHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 263
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-263

Query Match
Best Local Similarity 1.1%; Score 12.4; DB 1; Length 17;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 423 CGGCTCCCGCCGCGC 436
Db 4 CGUCUGCCCGCCGCGC 17

RESULT 1046
US-10-163-552-333/c
; Sequence 333, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; FILE REFERENCE: MBHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 333
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-333

Query Match
Best Local Similarity 1.1%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 413 GCAGGCTCTCCGCGC 426
Db 17 GCAGGCTGTCCGCGC 4

RESULT 1047
US-10-163-552-334/c
; Sequence 334, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; FILE REFERENCE: MBHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 334
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-334

Query Match
Best Local Similarity 1.1%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 413 GCAGGCTCTCCGCGC 426
Db 14 GCAGGCTGTCCGCGC 1

RESULT 1048
US-10-163-552-358/c
; Sequence 358, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; FILE REFERENCE: MBHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 358
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-358

Query Match
Best Local Similarity 1.1%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6 AGCCACAGCCGAGCT 19
Db 17 AGCCCGCAGCCGAGCT 4

RESULT 1049
US-10-163-552-423/c
; Sequence 423, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; FILE REFERENCE: MBHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 423
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-423

Query Match
Best Local Similarity 1.1%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 476 ACTTGGCATTCCTC 489
Db 17 ACTCGGCATTCCTC 4

RESULT 1050
US-10-163-552-828/c
; Sequence 828, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; FILE REFERENCE: MBHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 828
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-828

```

FILE REFERENCE: MBHB01-1653-A (400/014)  
CURRENT APPLICATION NUMBER: US/10/163,552  
CURRENT FILING DATE: 2002-06-06  
NUMBER OF SEQ ID NOS: 1997  
SOFTWARE: Patent in version 3.0  
SEQ ID NO 828  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-163-552-828

Query Match  
Best Local Similarity 1.1%; Score 12.4; DB 1; Length 17;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 143 GGGGGCTGCAGTTC 156  
DB 17 GGGGGCTGCAGTTC 4

RESULT 1051  
US-10-156-306-26  
Sequence 26, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
FILE REFERENCE: MBHB01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: Patent in version 3.0  
SEQ ID NO 26  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-26

Query Match  
Best Local Similarity 1.1%; Score 12.4; DB 1; Length 17;  
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1031 CCTGGCTTTCATAG 1044  
DB 2 CCUGGCUCAUAG 15

RESULT 1052  
US-10-156-306-79/c  
Sequence 79, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
FILE REFERENCE: MBHB01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: Patent in version 3.0  
SEQ ID NO 79  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-79

Query Match  
Best Local Similarity 1.1%; Score 12.4; DB 1; Length 17;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 760 AGATGGCAGAACTG 773  
DB 17 AGATGGGAGAACTG 4

RESULT 1053  
US-10-156-306-80/c  
Sequence 80, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
FILE REFERENCE: MBHB01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: Patent in version 3.0  
SEQ ID NO 80  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-80

Query Match  
Best Local Similarity 1.1%; Score 12.4; DB 1; Length 17;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 760 AGATGGCAGAACTG 773  
DB 15 AGATGGGAGAACTG 2

RESULT 1054  
US-10-156-306-81/c  
Sequence 81, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
FILE REFERENCE: MBHB01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: Patent in version 3.0  
SEQ ID NO 81  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-81

Query Match  
Best Local Similarity 1.1%; Score 12.4; DB 1; Length 17;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 760 AGATGGCAGAACTG 773  
DB 14 AGATGGGAGAACTG 1

RESULT 1055  
US-10-156-306-546/c  
Sequence 546, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
FILE REFERENCE: MBHB01-664-A (400/050)

; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 546  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-546  
  
Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
QY 1000 TGAGGCTGGAGAAT 1013  
|||||  
Db 17 TGAGGCAGGAGAAT 4  
  
RESULT 1056  
US-10-156-306-1274  
; Sequence 1274, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1274  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-1274  
  
Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 71.4%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;  
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;  
  
QY 151 CAGCTCCATCACTTG 164  
|||||  
Db 2 CAGCCUCCACACUTG 15  
  
RESULT 1057  
US-10-156-306-1299  
; Sequence 1299, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1299  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-1299  
  
Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 64.3%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;  
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;  
  
QY 1031 CTTGGCTTTCATAG 1044

|||||: :||:|  
Db 3 CCUGGCUAUAUG 16  
  
RESULT 1058  
US-10-156-306-1331/c  
; Sequence 1331, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1331  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-1331  
  
Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
QY 760 AGATGGCAGAACTG 773  
|||||  
Db 16 AGATGGAGAGACTG 3  
  
RESULT 1059  
US-10-156-306-3745  
; Sequence 3745, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3745  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-3745  
  
Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 85.7%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;  
  
QY 1083 TAAAAAATAAAAAA 1096  
|||||  
Db 2 UAAAAAGAAAAA 15  
  
RESULT 1060  
US-10-156-306-4410  
; Sequence 4410, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306

Db 2 AGCAGGCUCUGCGG 15

RESULT 1063

US-10-156-306-4967

; Sequence 4967, Application US/10156306

; Publication No. US20030119017A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat

; FILE REFERENCE: MBH01-664-A (400/050)

; CURRENT APPLICATION NUMBER: US/10/156,306

; CURRENT FILING DATE: 2002-05-28

; NUMBER OF SEQ ID NOS: 8013

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 4967

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-156-306-4967

Query Match 1.1%; Score 12.4; DB 1; Length 17;

Best Local Similarity 85.7%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;

Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 405 CTGCTCCAGCAGGC 418

Db 3 CAGCUCCAGCAGGC 16

RESULT 1064

US-10-156-306-4968

; Sequence 4968, Application US/10156306

; Publication No. US20030119017A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat

; FILE REFERENCE: MBH01-664-A (400/050)

; CURRENT APPLICATION NUMBER: US/10/156,306

; CURRENT FILING DATE: 2002-05-28

; NUMBER OF SEQ ID NOS: 8013

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 4968

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-156-306-4968

Query Match 1.1%; Score 12.4; DB 1; Length 17;

Best Local Similarity 85.7%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;

Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 405 CTGCTCCAGCAGGC 418

Db 2 CAGCUCCAGCAGGC 15

RESULT 1065

US-10-156-306-5818

; Sequence 5818, Application US/10156306

; Publication No. US20030119017A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat

; FILE REFERENCE: MBH01-664-A (400/050)

; CURRENT APPLICATION NUMBER: US/10/156,306

; CURRENT FILING DATE: 2002-05-28

; CURRENT FILING DATE: 2002-05-28

; NUMBER OF SEQ ID NOS: 8013

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 4410

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-156-306-4410

Query Match 1.1%; Score 12.4; DB 1; Length 17;

Best Local Similarity 78.6%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;

Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 412 AGCAGGCTCTCCGG 425

Db 1 AGCAGGCUCUGCGG 14

RESULT 1061

US-10-156-306-4432

; Sequence 4432, Application US/10156306

; Publication No. US20030119017A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat

; FILE REFERENCE: MBH01-664-A (400/050)

; CURRENT APPLICATION NUMBER: US/10/156,306

; CURRENT FILING DATE: 2002-05-28

; NUMBER OF SEQ ID NOS: 8013

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 4432

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-156-306-4432

Query Match 1.1%; Score 12.4; DB 1; Length 17;

Best Local Similarity 85.7%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;

Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 405 CTGCTCCAGCAGGC 418

Db 4 CAGCUCCAGCAGGC 17

RESULT 1062

US-10-156-306-4876

; Sequence 4876, Application US/10156306

; Publication No. US20030119017A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat

; FILE REFERENCE: MBH01-664-A (400/050)

; CURRENT APPLICATION NUMBER: US/10/156,306

; CURRENT FILING DATE: 2002-05-28

; NUMBER OF SEQ ID NOS: 8013

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 4876

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-156-306-4876

Query Match 1.1%; Score 12.4; DB 1; Length 17;

Best Local Similarity 78.8%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;

Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 412 AGCAGGCTCTCCGG 425

NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 5818  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-5818

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 78.6%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;  
Matches 11; Conservative 2; Mismatches 0; Gaps 0;

QY 412 AGCAGGCTCCGG 425  
DB 4 AGCAGGCTCCGG 17

RESULT 1066  
US-10-156-306-5898  
Sequence 5898, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
FILE REFERENCE: MBH01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 5898  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-5898

Query Match 1.1%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 85.7%; Pred. No. 8e+02; 1; Indels 0; Gaps 0;  
Matches 12; Conservative 1; Mismatches 0; Gaps 0;

QY 405 CTGCTCCAGCAGGC 418  
DB 1 CAGCTCCAGCAGGC 14

RESULT 1067  
US-10-015-593-1/c  
Sequence 1, Application US/10015593  
Publication No. US20020090636A1  
GENERAL INFORMATION:  
APPLICANT: Kozian, Detlef  
APPLICANT: Reuter, Birgit  
TITLE OF INVENTION: Two-color differential display as a method for  
TITLE OF INVENTION: detecting regulated genes  
FILE REFERENCE: 2481-1635  
CURRENT APPLICATION NUMBER: US/10/015,593  
CURRENT FILING DATE: 2001-12-17  
PRIOR APPLICATION NUMBER: 09/390,324  
PRIOR FILING DATE: 2001-05-21  
NUMBER OF SEQ ID NOS: 2  
SOFTWARE: PatentIn ver. 2.1  
SEQ ID NO 1  
LENGTH: 14  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: exon  
LOCATION: (1)..(14)  
OTHER INFORMATION: Description of Artificial Sequence: synthetic  
OTHER INFORMATION: "V=A,C,G; N=A,C,G,T"  
US-10-015-593-1

Query Match 1.1%; Score 12.2; DB 1; Length 14;  
Best Local Similarity 92.3%; Pred. No. 7.2e+02;  
Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAAA 1095  
DB 13 BAAAAAATAAAAA 1

RESULT 1068  
US-10-160-865-10/c  
Sequence 10, Application US/10160865  
Publication No. US20020169139A1  
GENERAL INFORMATION:  
APPLICANT: Lee, Mu-En  
APPLICANT: Hsieh, Chung-Ming  
TITLE OF INVENTION: SINGLE GENE ENCODING AORTIC-SPECIFIC AND STRIATED-SPECIFIC  
TITLE OF INVENTION: MUSCLE CELL ISOFORMS AND USES THEREOF  
FILE REFERENCE: 05433/038001  
CURRENT APPLICATION NUMBER: US/10/160,865  
CURRENT FILING DATE: 2002-06-03  
PRIOR APPLICATION NUMBER: US/09/134,250  
PRIOR FILING DATE: 1998-08-14  
PRIOR APPLICATION NUMBER: US 08/795,868  
PRIOR FILING DATE: 1997-02-06  
PRIOR APPLICATION NUMBER: US 08/494,577  
PRIOR FILING DATE: 1995-06-22  
NUMBER OF SEQ ID NOS: 20  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 10  
LENGTH: 14  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: synthetic poly T anchoring primer  
US-10-160-865-10

Query Match 1.1%; Score 12.2; DB 1; Length 14;  
Best Local Similarity 92.3%; Pred. No. 7.2e+02;  
Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAAA 1095  
DB 13 BAAAAAATAAAAA 1

RESULT 1069  
US-09-866-108-176  
Sequence 176, Application US/09866108  
Patent No. US2002004800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664

;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00662  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00661  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00670  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: US 60/234,687  
;; PRIOR FILING DATE: 2000-09-21  
;; PRIOR APPLICATION NUMBER: US 60/266,860  
;; PRIOR FILING DATE: 2001-02-05  
;; NUMBER OF SEQ ID NOS: 15752  
;; SOFTWARE: Aeomica Sequence Listing Engine  
;; SEQ ID NO 176  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108-176

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
QY 613 TGGCCATCTCAACGAC 629  
Db 1 TGGCCATCTCAACGAC 17

RESULT 1070  
US-09-866-108-199  
;; Sequence 199, Application US/09966108  
;; Patent No. US20020048800A1  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: AEOMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108  
;; PRIOR FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00662

;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00661  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00670  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: US 60/234,687  
;; PRIOR FILING DATE: 2000-09-21  
;; PRIOR APPLICATION NUMBER: US 60/266,860  
;; PRIOR FILING DATE: 2001-02-05  
;; NUMBER OF SEQ ID NOS: 15752  
;; SOFTWARE: Aeomica Sequence Listing Engine  
;; SEQ ID NO 199  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108-199

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
QY 820 CTGTGGGTGCTGAAGCT 836  
Db 1 CTGTGGGAGCAGAGAT 17

RESULT 1071  
US-09-866-108-212/c  
;; Sequence 212, Application US/09866108  
;; Patent No. US20020048800A1  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: AEOMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108  
;; PRIOR FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00662  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00661  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00670  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: US 60/234,687  
;; PRIOR FILING DATE: 2000-09-21  
;; PRIOR APPLICATION NUMBER: US 60/266,860  
;; PRIOR FILING DATE: 2001-02-05  
;; NUMBER OF SEQ ID NOS: 15752

; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 212  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-212

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 535 GCCTCTTCGACTCT 551  
Db 17 GTCCTCTCCGAATCT 1

RESULT 1072

US-09-866-108-559  
; Sequence 559, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AECOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 559  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-559

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 723 CAGGAGCTGGGTACAG 739  
Db 1 CAGGAGCTGGGTCCAG 17

RESULT 1073

US-09-866-108-560  
; Sequence 560, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AECOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 560  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-560

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 724 AGGAGCTGGGTACAGT 740  
Db 1 AGGAGCTGGGTCCAGT 17

RESULT 1074

US-09-866-108-561  
; Sequence 561, Application US/09866108  
; Patent No. US20020048800A1

GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Aeomica Sequence Listing Engine  
SEQ ID NO 561  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-561

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 725 GGAGTGGGCTCAGTG 741  
Db 1 GGAGTGGGCTCAGTG 17

RESULT 1075  
US-09-866-108-1387  
Sequence 1387, Application US/09866108  
Patent No. US20020048800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7

GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Aeomica Sequence Listing Engine  
SEQ ID NO 1387  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-1387

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 665 GCAGCTGAAGCTCAGAG 681  
Db 1 GCAGCTGAAGCTCAGAG 17

RESULT 1076  
US-09-866-108-2231/C  
Sequence 2231, Application US/09866108  
Patent No. US20020048800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30

;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00662  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00661  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00670  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: US 60/234,687  
;; PRIOR FILING DATE: 2000-09-21  
;; PRIOR APPLICATION NUMBER: US 60/266,860  
;; PRIOR FILING DATE: 2001-02-05  
;; NUMBER OF SEQ ID NOS: 15752  
;; SOFTWARE: Aecomica Sequence Listing Engine  
;; SEQ ID NO 2231  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108-2231

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 875 CTCACATGAGGTCCTGC 891  
Db 17 CTCACATGAGACCTGC 1

## RESULT 1077

US-09-866-108-2232  
;; Sequence 2232, Application US/09866108  
;; Patent No. US20020048800A1  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: AECOMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108  
;; CURRENT FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00662  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00661  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00670  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: US 60/234,687  
;; PRIOR FILING DATE: 2000-09-21

;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00662  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00661  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00670  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: US 60/234,687  
;; PRIOR FILING DATE: 2000-09-21  
;; PRIOR APPLICATION NUMBER: US 60/266,860  
;; PRIOR FILING DATE: 2001-02-05  
;; NUMBER OF SEQ ID NOS: 15752  
;; SOFTWARE: Aecomica Sequence Listing Engine  
;; SEQ ID NO 2232  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108-2232

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 489 CAGGATCTTAATTGGAGA 505  
Db 1 CAGGCTCTCAGTGGAGA 17

## RESULT 1078

US-09-866-108-2245/c  
;; Sequence 2245, Application US/09866108  
;; Patent No. US20020048800A1  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: AECOMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108  
;; CURRENT FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00662  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00661  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00670  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: US 60/234,687  
;; PRIOR FILING DATE: 2000-09-21

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 20 ACCGCGCTAGGTTCTCT 36  
Db 17 ACCGCGCAAGGCTGCT 1

RESULT 1080

US-09-866-108-6541/c  
; Sequence 6541, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 6541  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-6541

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 426 CTGCCCCCTGCTAGTCT 442  
Db 17 CTGCCCCAGGCTTGTCT 1

RESULT 1081

PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Aecomica Sequence Listing Engine  
SEQ ID NO 2245  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-2245

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 85 GTGGTTAGGACCTTCTC 101  
Db 17 GTGGCTCGGATCTTCTC 1

RESULT 1079

US-09-866-108-6365/c  
; Sequence 6365, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 6365  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-6365

```

US-09-866-108-6619
; Sequence 6619, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A6MICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 6619
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6619

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. NO. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps

QY      413 GCAGGCTCTCCGCTGC 429
DB      1 GGAGGCTCTCGCTGTC 17

RESULT 1082
US-09-866-108-6710/c
; Sequence 6710, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng

```

```

/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aemica Sequence Listing Engine
/ SEQ ID NO 7379
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-7379

Query Match      1.1%  Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 249 TTGAAGGACTTGACAG 265
DB 1 TTGAATGACTTGGAAAG 17

RESULT 1084
US-09-866-108-7380
/ Sequence 7380, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00655
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670

```

```
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Acomica Sequence Listing Engine
/ SEQ ID NO 7684
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-7684

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 773 GGAGAGAGAGTGTGAGC 789
Db 1 GCAGAGAGAGTTTGACC 17

RESULT 1086
US-09-866-108-8240
/ Sequence 8240, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: ACOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Acomica Sequence Listing Engine
/ SEQ ID NO 8240
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-8309

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 677 CACAGATGATCTGCAC 693
Db 17 CCCAGAGAGGCTGCAC 1

RESULT 1087
US-09-866-108-8309/c
/ Sequence 8309, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: ACOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Acomica Sequence Listing Engine
/ SEQ ID NO 8309
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-8309

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 677 CACAGATGATCTGCAC 693
Db 17 CCCAGAGAGGCTGCAC 1
```

## RESULT 1088

US-09-866-108-8377/c  
; Sequence 8377, Application US/09866108  
; Patent No. US20020048800A1

## ; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOmica-7

; CURRENT APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21

; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05

; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: AeoMica Sequence Listing Engine

; SEQ ID NO 8377

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108-8377

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 407 GCTCCAGCGAGGCTCC 423

Db 17 GCTCCAGCTGGCTGTC 1

## RESULT 1089

US-09-866-108-8493/c

; Sequence 8493, Application US/09866108

; Patent No. US20020048800A1

## ; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOmica-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; PRIOR FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21

; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05

; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: AeoMica Sequence Listing Engine

; SEQ ID NO 8493

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108-8493

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 405 CTGCTCCAGCGAGGCTCT 421

Db 17 CTCATCCACCGAGCTCT 1

## RESULT 1090

US-09-866-108-8656/c

; Sequence 8656, Application US/09866108

; Patent No. US20020048800A1

## ; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOmica-7

; CURRENT APPLICATION NUMBER: US/09/866,108

; PRIOR FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

RESULT 1031  
US-09-866-1108-8809  
US-09-866-1108-8809, Application US/09866108  
Sequence 8809, Patent No. US2002004800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Weisheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: A6061CA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,455  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30

```

RESULT 1092
US-09-866-108-8950
; Sequence 8950, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRES
; FILE REFERENCE: A6MCA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30

```

```
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 8950
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8950

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 458 CCAGGAAGAGCTCCAGG 474
Db 1 CCTGGAAGAGCTGAAGG 17

RESULT 1093
US-09-866-108-8996/c
; Sequence 8996, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 8950
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8950

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 458 CCAGGAAGAGCTCCAGG 474
Db 1 CCTGGAAGAGCTGAAGG 17

RESULT 1094
US-09-866-108-9035
; Sequence 9035, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 9035
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-9035

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```



```

; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 367
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-367

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 570 TCTCGTGCCTCAGT 586
DB 17 TCTCGTACCTGAAGT 1

RESULT 1098
US-09-827-998-466
; Sequence 466, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 466
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-466

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 770 ACTGAGAGAGAGTGTG 786
DB 1 ACTGAGAGAGAGGGG 17

RESULT 1099
US-09-827-462-178
; Sequence 178, Application US/09872462
; Patent No. US20020169295A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN NEDD1
; FILE REFERENCE: ACOMICA-9
; CURRENT APPLICATION NUMBER: US/09/872,462
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666

```

```

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 473
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 178
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-872-462-178

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 510 GCCAGTTTGGCATTGG 526
DB 1 GCCACTTTGGCTATTGG 17

RESULT 1100
US-09-864-785-145
; Sequence 145, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: MCSwigen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MEH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 145
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-145

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 418 CTCCTCGGCTGCCCT 434
DB 1 CCCUCGCGCUGCGGCU 17

RESULT 1101
US-09-864-785-222
; Sequence 222, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: MCSwigen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MEH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23

```



QY 999 CTGAGCTGGAGTAATCG 1015  
DB |||||  
17 CAGAAGCTGGAGGATCG 1

RESULT 1106  
US-09-864-785-1569/c  
; Sequence 1569, Application US/09864785  
; Patent No. US20020177568A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Draper, Ken  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
; TITLE OF INVENTION: Levels of NF-Kappa B  
; FILE REFERENCE: 400/022 (MEHB00-812-D)  
; CURRENT APPLICATION NUMBER: US/09/864,785  
; CURRENT FILING DATE: 2001-05-23  
; NUMBER OF SEQ ID NOS: 3929  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1569  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-864-785-1569

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1003 GGCTGGAGAAATGGGAG 1019  
DB |||||  
17 GGCTGGAGCAGGGGCGAG 1

RESULT 1107  
US-09-864-785-1595  
; Sequence 1595, Application US/09864785  
; Patent No. US20020177568A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Draper, Ken  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
; TITLE OF INVENTION: Levels of NF-Kappa B  
; FILE REFERENCE: 400/022 (MEHB00-812-D)  
; CURRENT APPLICATION NUMBER: US/09/864,785  
; CURRENT FILING DATE: 2001-05-23  
; NUMBER OF SEQ ID NOS: 3929  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1595  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-864-785-1595

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 8.6e+02;  
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 300 GGGGCCCTGCATGGGAA 316  
DB |||||  
1 GGGGCCCUUGCUUGGCA 17

RESULT 1108  
US-09-864-785-1605

```

: Sequence 1605, Application US/09864785
: Patent No. US20020177568A1
: GENERAL INFORMATION:
: APPLICANT: Ribozyme Pharmaceuticals, Inc.
: APPLICANT: Stinchcomb, Dan
: APPLICANT: Draper, Ken
: APPLICANT: McSwiggen, Jim
: TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
: TITLE OF INVENTION: Levels of NF-kappa B
: FILE REFERENCE: 400/022 (MEHB00-812-D)
: CURRENT APPLICATION NUMBER: US/09/864,785
: CURRENT FILING DATE: 2001-05-23
: NUMBER OF SEQ ID NOS: 3929
: SOFTWARE: PatentIn version 3.0
: SEQ ID NO 1605
: LENGTH: 17
: TYPE: RNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-1605

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 8.6e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY      720 TTTCAGGAGCTCGGTA 736
      ::::| | | | |
Db      1  UTUACGACGUCUGAA 17

RESULT 1109
US-09-825-805-331/c
: Sequence 331, Application US/09825805
: Publication No. US20030004122A1
: GENERAL INFORMATION:
: APPLICANT: Ribozyme Pharmaceuticals, Inc.
: APPLICANT: Beigelman, Leo
: APPLICANT: Beaudry, Amber
: APPLICANT: Karpeisky, Alex
: APPLICANT: Adamic, Jasenka Matulic
: APPLICANT: Sweedler, Dave
: APPLICANT: Zinnen, Shawn
: TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleo
: FILE REFERENCE: MBHB00-831-F (400/009)
: CURRENT APPLICATION NUMBER: US/09/825,805
: CURRENT FILING DATE: 2001-09-27
: PRIOR APPLICATION NUMBER: 09/578,223
: PRIOR FILING DATE: 2000-05-23
: PRIOR APPLICATION NUMBER: 09/476,387
: PRIOR FILING DATE: 1999-12-30
: PRIOR APPLICATION NUMBER: 09/474,432
: PRIOR FILING DATE: 1999-12-29
: PRIOR APPLICATION NUMBER: 09/301,511
: PRIOR FILING DATE: 1993-04-28
: PRIOR APPLICATION NUMBER: 09/186,675
: PRIOR FILING DATE: 1998-11-04
: PRIOR APPLICATION NUMBER: 60/083,727
: PRIOR FILING DATE: 1998-04-29
: PRIOR APPLICATION NUMBER: 60/064,866
: PRIOR FILING DATE: 1997-11-05
: NUMBER OF SEQ ID NOS: 1558
: SOFTWARE: PatentIn version 3.0
: SEQ ID NO 331
: LENGTH: 17
: TYPE: RNA
: ORGANISM: Homo sapiens
US-09-825-805-331

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

QY 143 GGGGCTGCAGTCCAT 159  
Db 17 GGGAGCGGAGTTCAT 1

RESULT 1110  
US-09-825-805-604  
; Sequence 604, Application US/09825805  
; Publication No. US20030004122A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
; FILE REFERENCE: MBH00-831-F (400/009)  
; CURRENT APPLICATION NUMBER: US/09/825,805  
; CURRENT FILING DATE: 2001-09-27  
; PRIOR APPLICATION NUMBER: 09/578,223  
; PRIOR FILING DATE: 2000-05-23  
; PRIOR APPLICATION NUMBER: 09/476,387  
; PRIOR FILING DATE: 1999-12-30  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1558  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 604  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-825-805-604

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 8.6e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 139 CTTTGGGGCTGCAGCT 155  
Db 1 CUGCGGAGCUGCAGCU 17

RESULT 1111  
US-09-825-805-683  
; Sequence 683, Application US/09825805  
; Publication No. US20030004122A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
; FILE REFERENCE: MBH00-831-F (400/009)  
; CURRENT APPLICATION NUMBER: US/09/825,805  
; CURRENT FILING DATE: 2001-09-27  
; PRIOR APPLICATION NUMBER: 09/578,223  
; PRIOR FILING DATE: 2000-05-23  
; PRIOR APPLICATION NUMBER: 09/476,387  
; PRIOR FILING DATE: 1999-12-30  
; PRIOR APPLICATION NUMBER: 09/474,432

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 8.6e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 354 GCCAACCTGTCAGAGA 370  
Db 1 GCCAACCGCCAGAGGA 17

RESULT 1112  
US-09-825-805-683  
; Sequence 176, Application US/09961077  
; Publication No. US20030014775A1  
; GENERAL INFORMATION:  
; APPLICANT: Zwick, Michael G.  
; Edington, Brent E.  
; McSwiggen, James A.  
; Merlo, Patricia Ann Owens  
; Guo, Lining  
; Skokut, Thomas A.  
; Young, Scott A.  
; Folkerts, Otto  
; Merlo, Donald J.  
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
; MODULATION OF GENE EXPRESSION  
; IN PLANTS  
; NUMBER OF SEQUENCES: 1263  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/961,077  
; FILING DATE: 21-Sep-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/679,645  
; FILING DATE: July 12, 1996  
; APPLICATION NUMBER: 60/001,135  
; FILING DATE: July 13, 1995  
; APPLICATION NUMBER: 08/300,726  
; FILING DATE: September 2, 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 219/247

QY 143 GGGGCTGCAGTCCAT 159  
Db 17 GGGAGCGGAGTTCAT 1

RESULT 1110  
US-09-825-805-604  
; Sequence 604, Application US/09825805  
; Publication No. US20030004122A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
; FILE REFERENCE: MBH00-831-F (400/009)  
; CURRENT APPLICATION NUMBER: US/09/825,805  
; CURRENT FILING DATE: 2001-09-27  
; PRIOR APPLICATION NUMBER: 09/578,223  
; PRIOR FILING DATE: 2000-05-23  
; PRIOR APPLICATION NUMBER: 09/476,387  
; PRIOR FILING DATE: 1999-12-30  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1558  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 604  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-825-805-604

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 8.6e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 139 CTTTGGGGCTGCAGCT 155  
Db 1 CUGCGGAGCUGCAGCU 17

RESULT 1111  
US-09-825-805-683  
; Sequence 683, Application US/09825805  
; Publication No. US20030004122A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
; FILE REFERENCE: MBH00-831-F (400/009)  
; CURRENT APPLICATION NUMBER: US/09/825,805  
; CURRENT FILING DATE: 2001-09-27  
; PRIOR APPLICATION NUMBER: 09/578,223  
; PRIOR FILING DATE: 2000-05-23  
; PRIOR APPLICATION NUMBER: 09/476,387  
; PRIOR FILING DATE: 1999-12-30  
; PRIOR APPLICATION NUMBER: 09/474,432

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 8.6e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 354 GCCAACCTGTCAGAGA 370  
Db 1 GCCAACCGCCAGAGGA 17

RESULT 1112  
US-09-825-805-683  
; Sequence 176, Application US/09961077  
; Publication No. US20030014775A1  
; GENERAL INFORMATION:  
; APPLICANT: Zwick, Michael G.  
; Edington, Brent E.  
; McSwiggen, James A.  
; Merlo, Patricia Ann Owens  
; Guo, Lining  
; Skokut, Thomas A.  
; Young, Scott A.  
; Folkerts, Otto  
; Merlo, Donald J.  
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
; MODULATION OF GENE EXPRESSION  
; IN PLANTS  
; NUMBER OF SEQUENCES: 1263  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/961,077  
; FILING DATE: 21-Sep-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/679,645  
; FILING DATE: July 12, 1996  
; APPLICATION NUMBER: 60/001,135  
; FILING DATE: July 13, 1995  
; APPLICATION NUMBER: 08/300,726  
; FILING DATE: September 2, 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 219/247

```
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
;
; INFORMATION FOR SEQ ID NO: 176:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 176:
US-09-961-077-176
    Query Match          1.1%; Score 12.2; DB 1; Length 17;
    Best Local Similarity 70.6%; Pred.No. 8.6e+02;
    Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 563 GCAGGATCTCTCGTGC 579
Db 1 GCCGGGAUCCUGGAGC 17

RESULT 1113
US-09-961-077-666
; Sequence 666, Application US/09961077
; Publication No. US20030014775A1
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; Edington, Brent E.
; McSwiggen, James A.
; Merlo, Patricia Ann Owens
; Guo, Lining
; Skokut, Thomas A.
; Young, Scott A.
; Folkerts, Otto
; Merlo, Donald J.
;
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; MODULATION OF GENE EXPRESSION
; IN PLANTS
;
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/961,077
; FILING DATE: 21-Sep-2001
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/679,645
; FILING DATE: July 12, 1996
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
;
; INFORMATION FOR SEQ ID NO: 176:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 176:
US-09-961-077-666
    Query Match          1.1%; Score 12.2; DB 1; Length 17;
    Best Local Similarity 70.6%; Pred.No. 8.6e+02;
    Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 412 AGCAGGCTCTCGGCTG 428
Db 1 AGCAGGGUCUCGGCGG 17

RESULT 1114
US-09-961-077-881/c
; Sequence 881, Application US/09961077
; Publication No. US20030014775A1
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; Edington, Brent E.
; McSwiggen, James A.
; Merlo, Patricia Ann Owens
; Guo, Lining
; Skokut, Thomas A.
; Young, Scott A.
; Folkerts, Otto
; Merlo, Donald J.
;
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; MODULATION OF GENE EXPRESSION
; IN PLANTS
;
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/961,077
; FILING DATE: 21-Sep-2001
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/679,645
; FILING DATE: July 12, 1996
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
;
; INFORMATION FOR SEQ ID NO: 881:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
```

```
;
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 881:
US-09-961-077-881

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAAAA 1099
DB 17 TACAAAAATAAAAAA 1

RESULT 1115
US-09-961-077-884/c
; Sequence 884, Application US/09961077
; Publication No. US20030014775A1
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; Edington, Brent E.
; McSwiggen, James A.
; Merlo, Patricia Ann Owens
; Guo, Lining
; Skokut, Thomas A.
; Young, Scott A.
; Folkerts, Otto
; Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; MODULATION OF GENE EXPRESSION
; IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/961.077
; FILING DATE: 21-Sep-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/679,645
; FILING DATE: July 12, 1996
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 884:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 884:
US-09-961-077-884

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1084 AAAAAAATAAAAAA 1100
DB 17 AAAAATACAAAATAAAAA 1

RESULT 1116
US-09-961-077-885/c
; Sequence 885, Application US/09961077
; Publication No. US20030014775A1
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; Edington, Brent E.
; McSwiggen, James A.
; Merlo, Patricia Ann Owens
; Guo, Lining
; Skokut, Thomas A.
; Young, Scott A.
; Folkerts, Otto
; Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; MODULATION OF GENE EXPRESSION
; IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/961.077
; FILING DATE: 21-Sep-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/679,645
; FILING DATE: July 12, 1996
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 885:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 885:
US-09-961-077-885

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```

RESULT 1118
US-09-818-875-3159/c
; Sequence 3159, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gampier, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3159
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-3159

```

Query Match	1.1%	Score 12.2;	DB 1;	Length 17;
Best Local Similarity	82.4%;	Pred. No. 8.6e+02;		
Matches 14;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;
QY	767	AGAACTGGAGAGAAAGT	783	
DB	17	AAAACTGTTGAAGGAGT	1	

```
RESULT 1121
US-09-780-533A-1169/c
; Sequence 1169, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MEHB00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; PRIOR FILING DATE: 2001-02-09
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1169
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-1169

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      765 GCAGAACTGGAAGAA 781
Db      17 GCAGAACTGGAAGGA 1

RESULT 1122
US-09-780-533A-1623
; Sequence 1623, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MEHB00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; PRIOR FILING DATE: 2001-02-09
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1623
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-1623

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 8.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY      1013 TGGGAAGTGTAAAGCTG 1029
Db      1 UGGGAAGUGAAGAAG 17

RESULT 1123
US-09-780-533A-2172
; Sequence 2172, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MEHB00-845-H (400/029)
```

```
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MEHB00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; PRIOR FILING DATE: 2001-02-09
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2172
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-2172

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1084 AAAAAAAAAAAAAAA 1100
Db      1 AAAAAAAAAUAGAAGAA 17

RESULT 1124
US-09-780-533A-2580/c
; Sequence 2580, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MEHB00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; PRIOR FILING DATE: 2001-02-09
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2580
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-2580

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      33 TCCTCCAGGTGCAGAGG 49
Db      17 TCCTCCATCTGCAAGG 1

RESULT 1125
US-09-877-478-1079/c
; Sequence 1079, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MEHB00-845-H (400/029)
```

; CURRENT APPLICATION NUMBER: US/09/877,478  
 ; CURRENT FILING DATE: 2001-12-31  
 ; PRIOR APPLICATION NUMBER: US 07/882,712  
 ; PRIOR FILING DATE: 1992-05-14  
 ; PRIOR APPLICATION NUMBER: US 09/531,025  
 ; PRIOR FILING DATE: 2000-03-20  
 ; PRIOR APPLICATION NUMBER: US 09/636,385  
 ; PRIOR FILING DATE: 2000-08-09  
 ; PRIOR APPLICATION NUMBER: US 09/696,347  
 ; PRIOR FILING DATE: 2000-10-24  
 ; PRIOR APPLICATION NUMBER: US 08/193,627  
 ; PRIOR FILING DATE: 1994-02-07  
 ; PRIOR APPLICATION NUMBER: US 08/433,993  
 ; PRIOR FILING DATE: 1995-05-04  
 ; PRIOR APPLICATION NUMBER: US 08/434,504  
 ; PRIOR FILING DATE: 1995-05-04  
 ; PRIOR APPLICATION NUMBER: US 09/436,430  
 ; PRIOR FILING DATE: 1999-11-08  
 ; NUMBER OF SEQ ID NOS: 6586  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 1079  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Hepatitis B virus  
 US-09-877-478-1079

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 884 GGTCTGCGATGTGAGAA 900  
 |||||  
 DB 17 GGTCTGCGATGTGAGAA 1

RESULT 1126  
 US-09-877-478-2109/c  
 ; Sequence 2109, Application US/09877478  
 ; Publication No. US20030068301A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Drepper, Kenneth  
 ; APPLICANT: Blatt, Larry  
 ; APPLICANT: McSwiggen, Jim  
 ; APPLICANT: Morrissey, Dave  
 ; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication  
 ; FILE REFERENCE: MEH00-845-H (400/029)  
 ; CURRENT APPLICATION NUMBER: US/09/877,478  
 ; CURRENT FILING DATE: 2001-12-31  
 ; PRIOR APPLICATION NUMBER: US 07/882,712  
 ; PRIOR FILING DATE: 1992-05-14  
 ; PRIOR APPLICATION NUMBER: US 09/531,025  
 ; PRIOR FILING DATE: 2000-03-20  
 ; PRIOR APPLICATION NUMBER: US 09/636,385  
 ; PRIOR FILING DATE: 2000-08-09  
 ; PRIOR APPLICATION NUMBER: US 09/696,347  
 ; PRIOR FILING DATE: 2000-10-24  
 ; PRIOR APPLICATION NUMBER: US 08/193,627  
 ; PRIOR FILING DATE: 1994-02-07  
 ; PRIOR APPLICATION NUMBER: US 08/433,993  
 ; PRIOR FILING DATE: 1995-05-04  
 ; PRIOR APPLICATION NUMBER: US 08/434,504  
 ; PRIOR FILING DATE: 1995-05-04  
 ; PRIOR APPLICATION NUMBER: US 09/436,430  
 ; PRIOR FILING DATE: 1999-11-08  
 ; NUMBER OF SEQ ID NOS: 6586  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 2109  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Hepatitis B virus  
 US-09-877-478-2109

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 514 GTTGGCATTTCGGAGT 530  
 |||||  
 DB 17 GTTGGCATTTCGGAGT 1

RESULT 1127  
 US-09-848-754A-293  
 ; Sequence 293, Application US/09848754A  
 ; Publication No. US20030073207A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
 ; FILE REFERENCE: MEH00-958-I (400/018)  
 ; CURRENT APPLICATION NUMBER: US/09/848,754A  
 ; CURRENT FILING DATE: 2001-05-03  
 ; NUMBER OF SEQ ID NOS: 9645  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 293  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-09-848-754A-293

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 70.6%; Pred. No. 8.6e+02;  
 Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 414 CAGGCTCTCGGCTGCC 430  
 |||||  
 DB 1 CAGGCTCTCGGCTGCC 17

RESULT 1128  
 US-09-848-754A-360  
 ; Sequence 360, Application US/09848754A  
 ; Publication No. US20030073207A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
 ; FILE REFERENCE: MEH00-958-I (400/018)  
 ; CURRENT APPLICATION NUMBER: US/09/848,754A  
 ; CURRENT FILING DATE: 2001-05-03  
 ; NUMBER OF SEQ ID NOS: 9645  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 360  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-09-848-754A-360

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 70.6%; Pred. No. 8.6e+02;  
 Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 349 CCAGCGCCACCTGTCA 365  
 |||||  
 DB 1 CCAGCGCCACCTGTCA 17

RESULT 1129  
 US-09-848-754A-645/c  
 ; Sequence 645, Application US/09848754A  
 ; Publication No. US20030073207A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
 ; FILE REFERENCE: MEH00-958-I (400/018)  
 ; CURRENT APPLICATION NUMBER: US/09/848,754A  
 ; CURRENT FILING DATE: 2001-05-03  
 ; NUMBER OF SEQ ID NOS: 9645  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 645  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-09-848-754A-645/c

```

; FILE REFERENCE: MBHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 645
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-645

Query Match          1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 753 CTTAAGGAGATGCAGCA 769
Db 17 CTTAAGGAGATTTCAGA 1

RESULT 1130
US-09-848-754A-1186
; Sequence 1186, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MBHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1186
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1186

Query Match          1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 113 CAAGAAACGGGAGAGAA 129
Db 1 CAUAACUGGAAAAA 17

RESULT 1131
US-09-848-754A-1566
; Sequence 1566, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MBHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1566
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1566

Query Match          1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 8.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 557 CCAACAGCAGGATCCCT 573
; ||| ||||| ||| :|:

```

```

Db 1 CCCACAGCGGCUUCU 17

RESULT 1132
US-09-848-754A-2256
; Sequence 2256, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MBHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2256
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2256

Query Match          1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 8.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 680 AGATGATCTGCACACC 696
Db 1 AGAUGGAGUGACACCC 17

RESULT 1133
US-09-848-754A-2384
; Sequence 2384, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MBHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2384
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2384

Query Match          1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 8.6e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 238 TGGCTCAGCTCTTGAAG 254
Db 1 UGGCCAGGUCUUGAAG 17

RESULT 1134
US-09-848-754A-2447
; Sequence 2447, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MBHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2447

```

```
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2447

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 8.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 417 GCTCTCCGGTGCCTCC 433
DB 1 GCCCUUCGCGUCGCCUCC 17

RESULT 1135
US-09-848-754A-2545/c
; Sequence 2545, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2545
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2545

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 915 AAAGACAGCGGACTTT 931
DB 17 AGAGCCAGCGGCGCTTT 1

RESULT 1136
US-09-848-754A-2625
; Sequence 2625, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2625
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2625

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 8.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 445 AGCCAGATGCTTCCAG 451
DB 1 AGCCACCAAGUCUCCAG 17

RESULT 1137
US-09-848-754A-2991/c
; Sequence 2991, Application US/09848754A
```

```
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2991
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2991

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 674 GCTCACAGATGGATCTG 690
DB 17 GCTCACAGTGGGCGCTG 1

RESULT 1138
US-09-848-754A-3484
; Sequence 3484, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3484
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3484

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 8.6e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 42 TGCACAGCGCGGTAAG 58
DB 1 UGCACAGAGGAGGCAAG 17

RESULT 1139
US-09-403-609-5
; Sequence 5, Application US/09403609
; Publication No. US20030087229A1
; GENERAL INFORMATION:
; APPLICANT: HAKENBECK, Regine
; TITLE OF INVENTION: DNA PROBES, METHOD AND KIT FOR IDENTIFYING ANTIBIOTIC-RESISTANT STRAINS OF BACTERIA
; FILE REFERENCE: 012627-011
; CURRENT FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: PCT/DE98/01134
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: DE 197 17 346.2
; PRIOR FILING DATE: 1997-04-24
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
```

```
; ORGANISM: Streptococcus pneumoniae
US-09-403-609-5

Query Match          1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 192 CCGGTCAGTTCTCTGGG 208
      ||||| |||||
Db 1 CTGGTCAGCTCTCTGCG 17

RESULT 1140
US-09-776-474-97/c
; Sequence 97, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Boher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Fattaey, Ali
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK)
; FILE REFERENCE: MEHB00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 97
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-97

Query Match          1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 328 AAGCTGTGGAGCAACTT 344
      ||||| |||||
Db 17 AAGTTCTGGAGCACAT 1

RESULT 1141
US-09-776-474-430
; Sequence 430, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Boher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Fattaey, Ali
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK)
; FILE REFERENCE: MEHB00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 430
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
```

```
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-430

Query Match          1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 8.6e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 978 ATAATCTCAGCCCTTGG 994
      ||||| |||||
Db 1 AAAAUCUCAGACUUUGG 17

RESULT 1142
US-09-776-474-837
; Sequence 837, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Boher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Fattaey, Ali
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK)
; FILE REFERENCE: MEHB00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 837
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-837

Query Match          1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 115 AGAAACGGGAAGAAAGG 131
      ||||| |||||
Db 1 AGAAAGGGGCAAAAGG 17

RESULT 1143
US-09-776-474-1122
; Sequence 1122, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Boher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Fattaey, Ali
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK)
; FILE REFERENCE: MEHB00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1122
; LENGTH: 17
; TYPE: RNA
```

ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-776-474-1122

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 8.6e+02;  
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 112 TCAGAAACGGGAAGAA 128  
Db 1 UCAAGAAAGGGCAAAA 17

RESULT 1144  
US-09-776-474-1123  
Sequence 1123, Application US/09776474  
Publication No. US20030087847A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Jarvis, Thale  
APPLICANT: Boher, Robert  
APPLICANT: Holman, Patricia  
APPLICANT: Pattae, Ali  
APPLICANT: McSwiggen, Jim  
TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK)  
FILE REFERENCE: MHB00-955-A (400/008)  
CURRENT APPLICATION NUMBER: US/09/776,474  
CURRENT FILING DATE: 2001-02-02  
PRIOR APPLICATION NUMBER: US 60/179,983  
PRIOR FILING DATE: 2000-03-02  
NUMBER OF SEQ ID NOS: 2992  
SOFTWARE: Patent in version 3.0  
SEQ ID NO 1123  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-776-474-1123

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 113 CAAGAAACGGGAAGAA 129  
Db 1 CAAGAAAGGGCAAAA 17

RESULT 1145  
US-09-776-474-1124  
Sequence 1124, Application US/09776474  
Publication No. US20030087847A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Jarvis, Thale  
APPLICANT: Boher, Robert  
APPLICANT: Holman, Patricia  
APPLICANT: Pattae, Ali  
APPLICANT: McSwiggen, Jim  
TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK)  
FILE REFERENCE: MHB00-955-A (400/008)  
CURRENT APPLICATION NUMBER: US/09/776,474  
CURRENT FILING DATE: 2001-02-02  
PRIOR APPLICATION NUMBER: US 60/179,983  
PRIOR FILING DATE: 2000-03-02  
NUMBER OF SEQ ID NOS: 2992  
SOFTWARE: Patent in version 3.0  
SEQ ID NO 1124  
LENGTH: 17

TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-776-474-1124

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 114 AAGAAACGGGAAGAAAG 130  
Db 1 AAGAAAGGGCAAAAAG 17

RESULT 1146  
US-09-930-423-80  
Sequence 80, Application US/09930423  
Publication No. US20030092003A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Blatt, Larry  
APPLICANT: McSwiggen, Jim  
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease  
FILE REFERENCE: MHB00.918-A 400/027  
CURRENT APPLICATION NUMBER: US/09/930,423  
CURRENT FILING DATE: 2001-08-15  
NUMBER OF SEQ ID NOS: 4553  
SOFTWARE: Patent in version 3.0  
SEQ ID NO 80  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo Sapiens  
US-09-930-423-80

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 8.6e+02;  
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 356 CAACCTGTGAGAGAGC 372  
Db 1 CAACCAAGGUCGAGAGUC 17

RESULT 1147  
US-09-930-423-284  
Sequence 284, Application US/09930423  
Publication No. US20030092003A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Blatt, Larry  
APPLICANT: McSwiggen, Jim  
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease  
FILE REFERENCE: MHB00.918-A 400/027  
CURRENT APPLICATION NUMBER: US/09/930,423  
CURRENT FILING DATE: 2001-08-15  
NUMBER OF SEQ ID NOS: 4553  
SOFTWARE: Patent in version 3.0  
SEQ ID NO 284  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo Sapiens  
US-09-930-423-284

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100  
Db 1 AAAAAAAGGCAAAAAA 17

```

; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1139

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 30 GGTTCCTCCAGGTGAG 46
    |||||
Db 17 GTTCTACAGGTACAG 1
    |||||

RESULT 1151
US-09-930-423-1276/c
; Sequence 1276, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MEH800.918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1276
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1276

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 383 CCTGCTGGCGGCACAC 399
    |||||
Db 17 CCTGCTGGCGGCACAC 1
    |||||

RESULT 1152
US-09-930-423-1413
; Sequence 1413, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MEH800.918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1413
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1413

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 990 CTTGGAAGTCTGAGCT 1006
    |||||
Db 1 CAUGGAAGACUGUGCU 17
    |||||

RESULT 1153

```

```

RESULT 1148
US-09-930-423-433
; Sequence 433, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MEH800.918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 433
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-433

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 297 GTCGGGGCCCTGATGG 313
    |||||
Db 1 GCGGGGGCCCAUGG 17
    |||||

RESULT 1149
US-09-930-423-959
; Sequence 959, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MEH800.918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 959
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-959

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1084 AAAAAAAGAAAAA 1100
    |||||
Db 1 AAAAAAAGAAAAA 17
    |||||

RESULT 1150
US-09-930-423-1139/c
; Sequence 1139, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MEH800.918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1139

```

US-09-930-423-1448  
; Sequence 1448, Application US/09930423  
; Publication No. US20030092003A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease  
; FILE REFERENCE: MBH00.918-A 400/027  
; CURRENT APPLICATION NUMBER: US/09/930,423  
; CURRENT FILING DATE: 2001-08-15  
; NUMBER OF SEQ ID NOS: 4553  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1448  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo Sapiens  
US-09-930-423-1448  
Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1084 AAAAAAAAAAAAAAAAAA 1100  
DB 1 AAAAAAAAAACUAGAAAA 17  
RESULT 1154  
US-09-930-423-1534  
; Sequence 1534, Application US/09930423  
; Publication No. US20030092003A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease  
; FILE REFERENCE: MBH00.918-A 400/027  
; CURRENT APPLICATION NUMBER: US/09/930,423  
; CURRENT FILING DATE: 2001-08-15  
; NUMBER OF SEQ ID NOS: 4553  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1534  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo Sapiens  
US-09-930-423-1534  
Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1084 AAAAAAAAAAAAAAAAAA 1100  
DB 1 AAAAAAAAAACUAGAAAA 17  
RESULT 1155  
US-09-930-423-1746  
; Sequence 1746, Application US/09930423  
; Publication No. US20030092003A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease  
; FILE REFERENCE: MBH00.918-A 400/027  
; CURRENT APPLICATION NUMBER: US/09/930,423  
; CURRENT FILING DATE: 2001-08-15  
; NUMBER OF SEQ ID NOS: 4553  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1746  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo Sapiens  
US-09-930-423-1746  
Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1084 AAAAAAAAAAAAAAAAAA 1100  
DB 1 AAAAAAAAAACUAGAAAA 17  
RESULT 1156  
US-09-930-423-1775  
; Sequence 1775, Application US/09930423  
; Publication No. US20030092003A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease  
; FILE REFERENCE: MBH00.918-A 400/027  
; CURRENT APPLICATION NUMBER: US/09/930,423  
; CURRENT FILING DATE: 2001-08-15  
; NUMBER OF SEQ ID NOS: 4553  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1775  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo Sapiens  
US-09-930-423-1775  
Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1084 AAAAAAAAAAAAAAAAAA 1100  
DB 1 AAAAAAAAAACUAGAAAA 17  
RESULT 1157  
US-09-780-164-66  
; Sequence 66, Application US/09780164  
; Publication No. US20030092646A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20  
; FILE REFERENCE: 400/010  
; CURRENT APPLICATION NUMBER: US/09/780,164  
; CURRENT FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/185,516  
; PRIOR FILING DATE: 2000-02-28  
; NUMBER OF SEQ ID NOS: 2603  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 66  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-780-164-66  
Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 8.6e+02;  
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;  
QY 462 GAAGAGCTCCAGGAAGT 478  
DB 1 GAAAAACUCCAGGAAGU 17

US-09-930-423-1448  
; Sequence 1448, Application US/09930423  
; Publication No. US20030092003A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease  
; FILE REFERENCE: MBH00.918-A 400/027  
; CURRENT APPLICATION NUMBER: US/09/930,423  
; CURRENT FILING DATE: 2001-08-15  
; NUMBER OF SEQ ID NOS: 4553  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1448  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo Sapiens  
US-09-930-423-1448  
Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1084 AAAAAAAAAAAAAAAAAA 1100  
DB 1 AAAAAAAAAACUAGAAAA 17  
RESULT 1154  
US-09-930-423-1534  
; Sequence 1534, Application US/09930423  
; Publication No. US20030092003A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease  
; FILE REFERENCE: MBH00.918-A 400/027  
; CURRENT APPLICATION NUMBER: US/09/930,423  
; CURRENT FILING DATE: 2001-08-15  
; NUMBER OF SEQ ID NOS: 4553  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1534  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo Sapiens  
US-09-930-423-1534  
Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 8.6e+02;  
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;  
QY 416 GGCTCTCGGCTGCCCC 432  
DB 1 GGGGUGGCGGUGGCCCC 17  
RESULT 1155  
US-09-930-423-1746  
; Sequence 1746, Application US/09930423  
; Publication No. US20030092003A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease  
; FILE REFERENCE: MBH00.918-A 400/027  
; CURRENT APPLICATION NUMBER: US/09/930,423  
; CURRENT FILING DATE: 2001-08-15  
; NUMBER OF SEQ ID NOS: 4553  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1746  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo Sapiens  
US-09-930-423-1746  
Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 8.6e+02;  
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;  
QY 416 GGCTCTCGGCTGCCCC 432  
DB 1 GGGGUGGCGGUGGCCCC 17  
RESULT 1156  
US-09-930-423-1775  
; Sequence 1775, Application US/09930423  
; Publication No. US20030092003A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease  
; FILE REFERENCE: MBH00.918-A 400/027  
; CURRENT APPLICATION NUMBER: US/09/930,423  
; CURRENT FILING DATE: 2001-08-15  
; NUMBER OF SEQ ID NOS: 4553  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1775  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo Sapiens  
US-09-930-423-1775  
Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 8.6e+02;  
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;  
QY 416 GGCTCTCGGCTGCCCC 432  
DB 1 GGGGUGGCGGUGGCCCC 17  
RESULT 1157  
US-09-780-164-66  
; Sequence 66, Application US/09780164  
; Publication No. US20030092646A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20  
; FILE REFERENCE: 400/010  
; CURRENT APPLICATION NUMBER: US/09/780,164  
; CURRENT FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/185,516  
; PRIOR FILING DATE: 2000-02-28  
; NUMBER OF SEQ ID NOS: 2603  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 66  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-780-164-66  
Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 8.6e+02;  
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;  
QY 462 GAAGAGCTCCAGGAAGT 478  
DB 1 GAAAAACUCCAGGAAGU 17

```
RESULT 1158
US-09-780-164-172
; Sequence 172, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 172
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-172

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACAGCAGGATCC 572
Db 1 CCCAAGAUCAAGGAUCC 17

RESULT 1159
US-09-780-164-275/c
; Sequence 275, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 275
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-275

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCAACAGCAGGATCC 572
Db 1 CCCAAGAUCAAGGAUCC 17

RESULT 1160
US-09-780-164-549
; Sequence 549, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 549
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-549

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 557 CCAACAGCAGGATCCT 573
Db 1 CCAAGAUCAAGGAUCCU 17

RESULT 1161
US-09-780-164-902
; Sequence 902, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 902
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-902

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1079 CTATTAAAAA 1095
Db 1 CUAUGAAUAAAGAA 17

RESULT 1162
US-09-780-164-926/c
; Sequence 926, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 926
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-926
```

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 274 TCAGAAAGTGTGCAAA 230  
|||||  
Db 17 TAAGAAAGTGTCTCAA 1

RESULT 1163  
US-09-827-395A-1052  
; Sequence 1052, Application US/09780164  
; Publication No. US20030092646A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20  
; FILE REFERENCE: 400/010  
; CURRENT APPLICATION NUMBER: US/09780,164  
; PRIOR FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/185,516  
; PRIOR FILING DATE: 2000-02-28  
; NUMBER OF SEQ ID NOS: 2603  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1052  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-827-395A-1052

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 8.6e+02;  
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 558 CAACAGCAGGATCTC 574  
|||||  
Db 1 CAAGAUCAGGAUCCUC 17

RESULT 1164  
US-09-827-395A-30  
; Sequence 30, Application US/09827395A  
; Publication No. US20030113891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Lawrence Blatt  
; APPLICANT: James McSwiggen  
; APPLICANT: Bharat Chowrira  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor  
; FILE REFERENCE: MEH00-878-C (400/017)  
; CURRENT APPLICATION NUMBER: US/09/827,395A  
; CURRENT FILING DATE: 2001-04-05  
; PRIOR FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/181,797  
; PRIOR FILING DATE: 2000-02-11  
; NUMBER OF SEQ ID NOS: 2617  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 30  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-827-395A-30

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 8.6e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 633 CAGTCCCGCTCCCTGCA 649  
|||||  
Db 1 CAGUACCUCCUACUGCA 17

RESULT 1165  
US-09-827-395A-78/c  
; Sequence 78, Application US/09827395A  
; Publication No. US20030113891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Lawrence Blatt  
; APPLICANT: James McSwiggen  
; APPLICANT: Bharat Chowrira  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor  
; FILE REFERENCE: MEH00-878-C (400/017)  
; CURRENT APPLICATION NUMBER: US/09/827,395A  
; CURRENT FILING DATE: 2001-04-05  
; PRIOR APPLICATION NUMBER: 60/181,797  
; PRIOR FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/181,797  
; PRIOR FILING DATE: 2000-02-11  
; NUMBER OF SEQ ID NOS: 2617  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 78  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-827-395A-78

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 823 TGGGTGCTGAAGTGT 839  
|||||  
Db 17 TGCCTGCCGAAGTGT 1

RESULT 1166  
US-09-827-395A-272/c  
; Sequence 272, Application US/09827395A  
; Publication No. US20030113891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Lawrence Blatt  
; APPLICANT: James McSwiggen  
; APPLICANT: Bharat Chowrira  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor  
; FILE REFERENCE: MEH00-878-C (400/017)  
; CURRENT APPLICATION NUMBER: US/09/827,395A  
; CURRENT FILING DATE: 2001-04-05  
; PRIOR FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/181,797  
; PRIOR FILING DATE: 2000-02-11  
; NUMBER OF SEQ ID NOS: 2617  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 272  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-827-395A-272

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 453 GCCTCCAGGAAGAGCT 469  
|||||  
Db 17 GCCGTGCAGGAAGAGGT 1

RESULT 1167  
US-09-827-395A-623/c  
; Sequence 623, Application US/09827395A  
; Publication No. US20030113891A1

```
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowhira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor G
; FILE REFERENCE: MBH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 623
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-623

Query Match          1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 36 TCCAGGTGCAGAGGGCG 52
Db 17 TCCAGGTGCAGAGGGCG 1

RESULT 1168
US-09-827-395A-719/c
; Sequence 719, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowhira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor G
; FILE REFERENCE: MBH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 719
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-719

Query Match          1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 763 TGGCAGCACTGGGAG 779
Db 17 TGGCAGCACTGGGAG 1

RESULT 1169
US-09-827-395A-858/c
; Sequence 858, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowhira
```

```
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MBH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 858
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-858

Query Match          1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 425 GCTGCCCTGCTAGTC 441
Db 17 GCTGCCCTGCTAGTC 1

RESULT 1170
US-09-740-332-108/c
; Sequence 108, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 108
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-108

Query Match          1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 391 CGGCGACACACCCCTG 407
Db 17 CGGCGACACCCACCTG 1

RESULT 1171
US-09-740-332-1994/c
; Sequence 1994, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1994
; LENGTH: 17
; TYPE: RNA
```

```

; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-1934

```

Query Match	1.1%;	Score 12.2;	DB 1;	Length 17;
Best Local Similarity	82.4%;	Pred. No. 8.6e+02;		

```
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

QY 480 GGCATTCTCAGGATCT 496  
          |||||  
Db 17 GGCATTCCAGGAAT 1

Db 17 GGCATTACCAGGACT 1

RESULT 1172

```

US-09-740-332-2799
; Sequence 2799, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2799
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-2799

```

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 8.6e+02;  
Matches 10; Conservative 4; Mismatches 3; Indels

Matches	10;	Conservative	4;	Mismatches	3;	Indels	0;	Gaps	0;
---------	-----	--------------	----	------------	----	--------	----	------	----

QY 480 GGCAATTCCTCAGGATCT 496  
|| :|||:|:  
Db 1 GGAUUUCGCAGGAUCU 17

DB 1 GGAUUCGCGAGCAUCU 17

RESULT 1173

```

US-09-740-332-3737
; Sequence 3737, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 3737
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-3737

```

Query Match	1.1%	Score 12.2; DB 1; Length 17;
Best Local Similarity	70.6%	Pred. No. 8.6e+02;

Best Local Similarity 70.6%; Pred. No. 8.6e+02;

	Matches	12;	Conservative	2;	Mismatches	3;	Indels	0;	Gaps	0;
Qy	854	CCCCACTGGTGTGAGC	870							
				:	:	:	:	:	:	:
Db	1	CCCCCAGGUGAUC	17							

RESULT 1174

```

US-09-740-332-4306/c
; Sequence 4306, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4306
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4306

```

Query Match 1.1% Score 12.2; DB 1; Length 17;

Query Match	1.1%;	Score	12.12;	DB	17;
Best Local Similarity	82.4%;	Pred. No.	8.6e+02;		
Matches	14;	Conservative	0;	Mismatches	3;
				Indels	0;
				Gaps	0;

QY 627 AGCGCTCAGTCCCGCTC 643

17 AGCGCTCACTCCACGC

RESULT 1175

```

US-09-740-332-4447
; Sequence 4447, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: REI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4447
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4447

```

Query Match 1.1%; Score 12.2; DB 1; Length 17;

Best Local Similarity 76.5%; Score: NO. 8.6e+02;  
 Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 390 GCGGGCACACACCCCT 406

dq 1 GCGGCAACCCAACTT

RESIN.T 1176

RESOLUTION 1178  
US-10-297-068-562

; Sequence 562, Application US/10297068  
; Publication No. US20030228585A1  
; GENERAL INFORMATION:  
; APPLICANT: INOKO, Hidetoshi  
; APPLICANT: KAGIYA, Taeko  
; APPLICANT: ICHIHARA, Tatsuo  
; APPLICANT: Matsumura, Yoshiyuki  
; APPLICANT: MORIYA, Shogo  
; APPLICANT: NISHIDA, Michio  
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES  
; FILE REFERENCE: 13140P1174  
; CURRENT APPLICATION NUMBER: US/10/297,068  
; CURRENT FILING DATE: 2002-11-27  
; PRIOR APPLICATION NUMBER: JP 2000-164798  
; PRIOR FILING DATE: 2000-06-01  
; NUMBER OF SEQ ID NOS: 1298  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 562  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:capture  
US-10-297-068-562

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
QY 640 GTCCTCGTCAACCGAGT 656  
||| ||||| |||||  
DB 1 GCTGCTCGCGCGGAGT 17

RESULT 1177  
US-10-297-068-1235/c  
; Sequence 1235, Application US/10297068  
; Publication No. US20030228585A1  
; GENERAL INFORMATION:  
; APPLICANT: INOKO, Hidetoshi  
; APPLICANT: KAGIYA, Taeko  
; APPLICANT: ICHIHARA, Tatsuo  
; APPLICANT: Matsumura, Yoshiyuki  
; APPLICANT: MORIYA, Shogo  
; APPLICANT: NISHIDA, Michio  
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES  
; FILE REFERENCE: 13140P1174  
; CURRENT APPLICATION NUMBER: US/10/297,068  
; CURRENT FILING DATE: 2002-11-27  
; PRIOR APPLICATION NUMBER: JP 2000-164798  
; PRIOR FILING DATE: 2000-06-01  
; NUMBER OF SEQ ID NOS: 1298  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 1235  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:capture  
US-10-297-068-1235

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
QY 591 TACTCCGGTGGCGGT 607  
||| ||||| |||||  
DB 17 TACATCCTGTGGAGGT 1

RESULT 1178  
US-10-376-341-202/c  
; Sequence 202, Application US/10376341

; Publication No. US20040002473A1  
; GENERAL INFORMATION:  
; APPLICANT: KURRECK, Jens  
; APPLICANT: ERDMANN, Volker A.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES AGAINST VR1  
; FILE REFERENCE: 029310.52142US  
; CURRENT APPLICATION NUMBER: US/10/376,341  
; CURRENT FILING DATE: 2003-03-03  
; PRIOR APPLICATION NUMBER: PCT/EP01/10081  
; PRIOR FILING DATE: 2001-08-31  
; PRIOR APPLICATION NUMBER: 100 43 674.9  
; PRIOR FILING DATE: 2000-09-02  
; PRIOR APPLICATION NUMBER: 100 43 702.8  
; PRIOR FILING DATE: 2000-09-04  
; NUMBER OF SEQ ID NOS: 248  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 202  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Rattus norvegicus  
US-10-376-341-202

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
QY 715 CCAAAATTCAGAGCTG 731  
||| ||||| |||||  
DB 17 CCACATGCTGGAGCTG 1

RESULT 1179  
US-09-745-237A-80  
; Sequence 80, Application US/09745237A  
; Publication No. US20030143708A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwigen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease  
; FILE REFERENCE: 400/007 (MBH00-918-A)  
; CURRENT APPLICATION NUMBER: US/09/745,237A  
; CURRENT FILING DATE: 2002-04-15  
; NUMBER OF SEQ ID NOS: 4550  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 80  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-745-237A-80

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 8.6e+02;  
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;  
  
QY 356 CAACCTGTCAGAGGC 372  
||| ||||| |||||  
DB 1 CAACAGUCUGAAGUGC 17

RESULT 1180  
US-09-745-237A-284  
; Sequence 284, Application US/09745237A  
; Publication No. US20030143708A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwigen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease  
; FILE REFERENCE: 400/007 (MBH00-918-A)  
; CURRENT APPLICATION NUMBER: US/09/745,237A  
; CURRENT FILING DATE: 2002-04-15  
; NUMBER OF SEQ ID NOS: 4550

```
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 284
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-284

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAGAAAAAAA 17

RESULT 1181
US-09-745-237A-433
; Sequence 433, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 433
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-433

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 297 GTCGGGGCCCTCAGG 313
Db 1 GCCGGGGCCCAUGG 17

RESULT 1182
US-09-745-237A-959
; Sequence 959, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 959
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-959

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAGAAAAAAA 17

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 284
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-284

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAAGAAAAAAA 17

RESULT 1183
US-09-745-237A-1139/c
; Sequence 1139, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1139
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1139

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 30 GGTTCCTCCAGGTCAG 46
Db 17 GTTTCCTACAGGTACAG 1

RESULT 1184
US-09-745-237A-1276/c
; Sequence 1276, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1276
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1276

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 383 CCTGCTGGGGGCACAC 399
Db 17 CCTGCTGGGCACAC 1

RESULT 1185
US-09-745-237A-1413
; Sequence 1413, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
```

```
; SEQ ID NO 1413
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1413

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 990 CTTGGAAGTCCTGAGCT 1006
Db 1 CAUGGAAGACUGGUCU 17

RESULT 1186
US-09-745-237A-1448
; Sequence 1448, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MEHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1448
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1448

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAACUAGAAAAA 17

RESULT 1187
US-09-745-237A-1534
; Sequence 1534, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MEHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1534
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1534

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 416 GGCTCTCCGCTGCC 432
Db 1 GGGCGCGCGCUGCCCC 17

RESULT 1188
US-09-745-237A-1746
; Sequence 1746, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MEHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1746
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1746

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 385 TGCTGGCGGCACACAC 401
Db 1 UGCGGCGGGAUACUC 17

RESULT 1189
US-09-745-237A-1775
; Sequence 1775, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MEHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1775
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1775

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAAAAAA 1100
Db 1 AAAAAAAAAACUAGAAAAA 17

RESULT 1190
US-09-752-818-319
; Sequence 319, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Ins
; FILE REFERENCE: MEHB00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
```

; CURRENT FILING DATE: 2001-02-23  
; NUMBER OF SEQ ID NOS: 2304  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 319  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-792-818-319

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 764 GCAGAACTGGAGAGA 780  
DB 1 GACAGAACCCGAGAGA 17

RESULT 1191  
US-09-792-818-391/c  
; Sequence 391, Application US/09792818  
; Publication No. US20030134806A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: Von Carlowitz, Ira  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Hamblin, Paul  
; APPLICANT: Ellis, Jonathan  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse  
; FILE REFERENCE: MBH00-901-A (400/013)  
; CURRENT APPLICATION NUMBER: US/09/792,818  
; CURRENT FILING DATE: 2001-02-23  
; NUMBER OF SEQ ID NOS: 2304  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 391  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-792-818-391

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 132 ATGCTGCTTGGGGC 148  
DB 1 ATCGCTGCTGGGGC 1

RESULT 1192  
US-09-792-818-623  
; Sequence 623, Application US/09792818  
; Publication No. US20030134806A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: Von Carlowitz, Ira  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Hamblin, Paul  
; APPLICANT: Ellis, Jonathan  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse  
; FILE REFERENCE: MBH00-901-A (400/013)  
; CURRENT APPLICATION NUMBER: US/09/792,818  
; CURRENT FILING DATE: 2001-02-23  
; NUMBER OF SEQ ID NOS: 2304  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 623  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens

US-09-792-818-623

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 70.8%; Pred. No. 8.6e+02;  
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 958 TGGCAGGGTGGCAG 974  
DB 1 UGGGCAUGUGGCACCG 17

RESULT 1193  
US-09-882-945A-292/c  
; Sequence 292, Application US/09882945A  
; Publication No. US20030143535A1  
; GENERAL INFORMATION:  
; APPLICANT: Lymanichev, Victor  
; APPLICANT: Allawi, Hatim  
; APPLICANT: Dong, Fang  
; APPLICANT: Neri, Bruce  
; APPLICANT: Vener, Tatiana  
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites  
; FILE REFERENCE: FORS-04586  
; CURRENT APPLICATION NUMBER: US/09/882,945A  
; CURRENT FILING DATE: 2001-06-15  
; NUMBER OF SEQ ID NOS: 334  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 292  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-09-882-945A-292

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 766 CAGAACTGGAGAGAAG 782  
DB 17 CACAACCTAGGGAAGAAG 1

RESULT 1194  
US-10-211-060-61  
; Sequence 61, Application US/10211060  
; Publication No. US20030135035A1  
; GENERAL INFORMATION:  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: HUMAN ZZAP1 PROTEIN  
; FILE REFERENCE: PB0152  
; CURRENT APPLICATION NUMBER: US/10/211,060  
; CURRENT FILING DATE: 2002-08-02  
; PRIOR APPLICATION NUMBER: US 60/311,480  
; PRIOR FILING DATE: 2001-08-09  
; NUMBER OF SEQ ID NOS: 152  
; SOFTWARE: Aeomica Sequence Listing Engine  
; SEQ ID NO 61  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-211-060-61

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 760 AGATGGCAGAACTGGAG 776  
DB 1 AGATGGAAAAAGTGGAG 17

RESULT 1195  
US-10-138-888-50  
; Sequence 50, Application US/10138888  
; Publication No. US20030148972A1  
; GENERAL INFORMATION:  
; APPLICANT: Thomas, Winston J.  
; Drayna, Dennis T.  
; Feder, John N.  
; Gnikke, Andreas  
; Ruddy, David  
; Tsuchihashi, Zenta  
; Wolff, Roger K.  
; TITLE OF INVENTION: Hereditary Hemochromatosis Gene  
; NUMBER OF SEQUENCES: 79  
; CORRESPONDENCE ADDRESS:  
; ADDRESS: Pennie & Edmonds LLP  
; STREET: 1155 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 10036-2711  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/138,888  
; FILING DATE: 02-May-2002  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/834,497  
; FILING DATE: 04-APR-1997  
; APPLICATION NUMBER: US 08/652,265  
; FILING DATE: 23-MAY-1996  
; APPLICATION NUMBER: US 08/632,673  
; FILING DATE: 16-APR-1996  
; APPLICATION NUMBER: US 08/630,912  
; FILING DATE: 04-APR-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Brian M. Poissant  
; REGISTRATION NUMBER: 28,462  
; REFERENCE/DOCKET NUMBER: 8907-095-999  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 790-9090  
; TELEFAX: (212) 869-8864  
; INFORMATION FOR SEQ ID NO: 50:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (Genomic)  
; SEQUENCE DESCRIPTION: SEQ ID NO: 50:  
US-10-138-888-50

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 476 ACTGGCATTCTCAGG 492  
Db 17 ACTTACATTCACAGG 1  
RESULT 1197  
US-10-238-700-481  
; Sequence 481, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: McSwigen Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve  
; FILE REFERENCE: 400/057 (MEHB01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; CURRENT FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 286  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-238-700-286

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 1084 AAAAAAAAAAAAAAAAAA 1100  
Db 1 AAUAAAAAAAAAAAAACA 17  
RESULT 1198  
US-10-238-700-889  
; Sequence 889, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: McSwigen Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve  
; FILE REFERENCE: 400/057 (MEHB01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; CURRENT FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 481  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-238-700-481

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 1084 AAAAAAAAAAAAAAAAAA 1100  
Db 1 AAUAAAAAAAAAAAAACA 17  
RESULT 1198  
US-10-238-700-889  
; Sequence 889, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: McSwigen Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve  
; FILE REFERENCE: 400/057 (MEHB01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; CURRENT FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: Patent in version 3.0  
US-10-238-700-889

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 823 TGGGTGCTGAGCTGGT 839  
Db 1 TGGGTGCTCCACCTGGT 17  
RESULT 1196  
US-10-238-700-286/c  
; Sequence 286, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level

RESULT 1195  
US-10-138-888-50  
; Sequence 50, Application US/10138888  
; Publication No. US20030148972A1  
; GENERAL INFORMATION:  
; APPLICANT: Thomas, Winston J.  
; Drayna, Dennis T.  
; Feder, John N.  
; Gnikke, Andreas  
; Ruddy, David  
; Tsuchihashi, Zenta  
; Wolff, Roger K.  
; TITLE OF INVENTION: Hereditary Hemochromatosis Gene  
; NUMBER OF SEQUENCES: 79  
; CORRESPONDENCE ADDRESS:  
; ADDRESS: Pennie & Edmonds LLP  
; STREET: 1155 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 10036-2711  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/138,888  
; FILING DATE: 02-May-2002  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/834,497  
; FILING DATE: 04-APR-1997  
; APPLICATION NUMBER: US 08/652,265  
; FILING DATE: 23-MAY-1996  
; APPLICATION NUMBER: US 08/632,673  
; FILING DATE: 16-APR-1996  
; APPLICATION NUMBER: US 08/630,912  
; FILING DATE: 04-APR-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Brian M. Poissant  
; REGISTRATION NUMBER: 28,462  
; REFERENCE/DOCKET NUMBER: 8907-095-999  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 790-9090  
; TELEFAX: (212) 869-8864  
; INFORMATION FOR SEQ ID NO: 50:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (Genomic)  
; SEQUENCE DESCRIPTION: SEQ ID NO: 50:  
US-10-138-888-50

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 823 TGGGTGCTGAGCTGGT 839  
Db 1 TGGGTGCTCCACCTGGT 17  
RESULT 1196  
US-10-238-700-286/c  
; Sequence 286, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level

```
; SEQ ID NO 889
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-889

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 711 ATAGCCAAATTCAGGA 727
: ||||| : |||||
Db 1 AUGGCCAUCUUCAGGA 17

RESULT 1199
US-10-238-700-2979
; Sequence 2979, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2979
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-2979

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 570 TCTCGTCGCTCAGT 586
: ||: ||||: ||:
Db 1 UCCUGUGCUGGGGU 17

RESULT 1200
US-10-061-201-1178/c
; Sequence 1178, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
```

```
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1178
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1178

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 166 ACCATCCGCTGACAGT 182
: ||||| : |||||
Db 17 ACCATCCGTTGAGAGT 1

RESULT 1201
US-10-061-201-1286/c
; Sequence 1286, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1286
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1286

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 126 GAAAGGATGTCGCTTT 142
: ||| : |||||
Db 17 GAAGGAACGTCGCTTT 1

RESULT 1202
US-10-061-201-1797
; Sequence 1797, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1797
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-061-201-1797

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      265 GGAGCAGCTTCAGAAAG 281
Db      1 GGAGCAGCAGTGAAG 17
|||||
RESULT 1203
US-10-061-201-1801
; Sequence 1801, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1797
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-061-201-1797

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      265 GGAGCAGCTTCAGAAAG 281
Db      1 GGAGCAGCAGTGAAG 17
|||||
RESULT 1203
US-10-061-201-1801
; Sequence 1801, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1803
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-061-201-1803

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      306 CTGATGGGAAGACTG 322
Db      1 CAGATGAGAGAGATG 17
|||||
RESULT 1204
US-10-061-201-1803
; Sequence 1803, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1803
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-061-201-1803

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      306 GCATGGGAAGACTGCA 324
Db      1 GCATGAGAGAGATGCA 17
|||||
RESULT 1205
US-10-061-201-2043
; Sequence 2043, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
```

```

/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/328,205
/ PRIOR FILING DATE: 2001-10-10
/ NUMBER OF SEQ ID NOS: 4162
/ SOFTWARE: Acomica Sequence Listing Engine
/ SEQ ID NO 2043
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-061-201-2043

Query Match
1.1% Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 21 CCGCGGCTAGGTTCTCTC 37
Db 1 CCGCGGCCAGCTCCCTC 17

RESULT 1206
US-10-061-201-2056/c
/ Sequence 2056, Application US/10061201
/ Publication No. US20030166229A1
/ GENERAL INFORMATION:
/ APPLICANT: Shannon, Mark
/ TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
/ FILE REFERENCE: PB0178
/ CURRENT APPLICATION NUMBER: US/10/061,201
/ PRIOR FILING DATE: 2002-01-30
/ CURRENT APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/328,205
/ PRIOR FILING DATE: 2001-10-10
/ NUMBER OF SEQ ID NOS: 4162
/ SOFTWARE: Acomica Sequence Listing Engine
/ SEQ ID NO 2056
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens

```

```

US-10-061-201-2056

Query Match
1.1% Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1033 TGGCTTTCATAGTGAGG 1049
Db 17 TGTCTTCCATAATGAGG 1

RESULT 1207
US-10-339-782-87
/ Sequence 87, Application US/10339782
/ Publication No. US20030166026A1
/ GENERAL INFORMATION:
/ APPLICANT: Lynx Therapeutics, Inc.
/ APPLICANT: Goodman, Laurie J
/ APPLICANT: Bowen, Benjamin A
/ TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
/ FILE REFERENCE: 37-000110US
/ CURRENT APPLICATION NUMBER: US/10/339,782
/ CURRENT FILING DATE: 2003-01-08
/ NUMBER OF SEQ ID NOS: 495
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 87
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-339-782-87

Query Match
1.1% Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 194 GGTCAAGTTTCTCGGTT 210
Db 1 GATCAGTTTCTCTGTGT 17

RESULT 1208
US-09-817-879-108/c
/ Sequence 108, Application US/09817879
/ Publication No. US2003017131A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals Inc.
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
/ FILE REFERENCE: MEMB00-801-F
/ CURRENT APPLICATION NUMBER: US/09/817,879
/ CURRENT FILING DATE: 2001-03-26
/ NUMBER OF SEQ ID NOS: 9703
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 108
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: artificial sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION:
/ OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-108

Query Match
1.1% Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 391 CGGCGACACACACCTG 407
Db 17 CGGCGACACCCACCTG 1

RESULT 1209

```

```
US-09-817-879-1994/c
; Sequence 1994, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1994
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-1994
Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 480 GGCATTCTCTCAGGATCT 496
Db 17 GGCATTCTCAGGAGT 1
RESULT 1210
US-09-817-879-2799
; Sequence 2799, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2799
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2799
Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 8.6e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
QY 480 GGCATTCTCTCAGGATCT 496
Db 1 GGAUUCGCGAGGAUCU 17
RESULT 1211
US-09-817-879-3737
; Sequence 3737, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
```

```
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3737
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3737
Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 8.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
QY 854 CCCCACTGGTCAGTGGC 870
Db 1 CCCCCCAGGUGAUGAUC 17
RESULT 1212
US-09-817-879-4306/c
; Sequence 4306, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4306
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-4306
Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 627 AGCGCTCAGTCCCGCTC 643
Db 17 AGCGCTCACTCCACGC 1
RESULT 1213
US-09-817-879-4447
; Sequence 4447, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4447
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
```

LOCATION:  
OTHER INFORMATION: oligonucleotide substrate  
US-09-817-879-4447

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 8.6e+02;  
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 390 GGGGACACACACCT 406  
Db 1 GGGGACACACCAACU 17

RESULT 1214  
US-10-339-793-192  
Sequence 192, Application US/10339793  
Publication No. US20030180764A1  
GENERAL INFORMATION:  
APPLICANT: Lynx Therapeutics, Inc.  
APPLICANT: Shang, Jin  
APPLICANT: Bowen, Benjamin  
TITLE OF INVENTION: GENES AFFECTED BY CHOLESTEROL TREATMENT AND DURING ADIPOGENESIS  
FILE REFERENCE: 37-000310US  
CURRENT APPLICATION NUMBER: US/10/339,793  
CURRENT FILING DATE: 2003-01-08  
NUMBER OF SEQ ID NOS: 443  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 192  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-339-793-192

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 492 GATCTAATGGAGATT 508  
Db 1 GATCTCTGGAGTTT 17

RESULT 1215  
US-10-338-777-337  
Sequence 337, Application US/10338777  
Publication No. US20030188343A1  
GENERAL INFORMATION:  
APPLICANT: Lynx Therapeutics, Inc.  
APPLICANT: United States Department of Agriculture  
APPLICANT: Bowen, Benjamin A  
APPLICANT: Haudenschild, Christian D  
APPLICANT: Buckler, Edward S  
TITLE OF INVENTION: Identification of Genes Associated with Growth in Plants  
FILE REFERENCE: 37-000510US  
CURRENT APPLICATION NUMBER: US/10/338,777  
CURRENT FILING DATE: 2003-01-07  
NUMBER OF SEQ ID NOS: 405  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 337  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Arabidopsis thaliana  
US-10-338-777-337

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 492 GATCTAATGGAGATT 508  
Db 1 GATCTAATAGCAGATT 17

RESULT 1216  
US-10-091-281-130  
Sequence 130, Application US/10091281  
Publication No. US20030190617A1  
GENERAL INFORMATION:  
APPLICANT: RAYMOND, VINCENT  
APPLICANT: SI, ERWIN  
APPLICANT: MORISSETTE, JEAN  
TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF  
FILE REFERENCE: 13587.338  
CURRENT APPLICATION NUMBER: US/10/091,281  
CURRENT FILING DATE: 2002-03-06  
NUMBER OF SEQ ID NOS: 463  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 130  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
OTHER INFORMATION: Putative MEF2/RSRFC4.02 motif  
US-10-091-281-130

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1079 CTATTAAAAA 1095  
Db 1 CTACTAAAAATATAAAA 17

RESULT 1217  
US-10-091-281-354  
Sequence 354, Application US/10091281  
Publication No. US20030190617A1  
GENERAL INFORMATION:  
APPLICANT: RAYMOND, VINCENT  
APPLICANT: SI, ERWIN  
APPLICANT: MORISSETTE, JEAN  
TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF  
FILE REFERENCE: 13587.338  
CURRENT APPLICATION NUMBER: US/10/091,281  
CURRENT FILING DATE: 2002-03-06  
NUMBER OF SEQ ID NOS: 463  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 354  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
OTHER INFORMATION: Putative MEF2/RSRFC4.02 motif  
US-10-091-281-354

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1079 CTATTAAAAA 1095  
Db 1 CTACTAAAAATATAAAA 17

RESULT 1218  
US-10-230-006-761/c  
Sequence 761, Application US/10230006  
Publication No. US20030191077A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Fosnaugh, Kathy  
APPLICANT: McSwiggen, Jim  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC COND  
FILE REFERENCE: 400/056 (MSRB01-1110)  
CURRENT APPLICATION NUMBER: US/10/230,006

```
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 2678
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 761
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-230-006-761

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 31 GTTCCTCCAGGTGCAGA 47
Db 17 GCTCCTCCAGGGGCTGA 1

RESULT 1219
US-10-230-006-2147
; Sequence 2147, Application US/10230006
; Publication No. US20030191077A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Folsaugh, Kathy
; APPLICANT: McSwigen, Jim
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC COND
; FILE REFERENCE: 400/056 (MEBH01-1110)
; CURRENT APPLICATION NUMBER: US/10/230,006
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 2678
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 2147
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-230-006-2147

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 538 CTCCTCTCGACTCTGTA 554
Db 1 CUCUCCUGGACACUGCA 17

RESULT 1220
US-10-209-787-3158
; Sequence 3158, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3159
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-3159

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 772 TCGAGAAGAGGTGTGAG 788
Db 17 TGAGAAGAGGCTGAG 17

RESULT 1221
US-10-209-787-3159/c
; Sequence 3159, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3159
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-3159

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 772 TCGAGAAGAGGTGTGAG 788
Db 17 TGAGAAGAGGCTGAG 17

RESULT 1222
US-10-041-856-57
; Sequence 57, Application US/10041856
; Publication No. US20020169299A1
; GENERAL INFORMATION:
; APPLICANT: SLAUGENHAUPT, SUSAN
; APPLICANT: GUSELLA, JAMES F.
; TITLE OF INVENTION: GENE FOR IDENTIFYING INDIVIDUALS WITH FAMILIAL
; FILE REFERENCE: 1829-4004US1
; CURRENT APPLICATION NUMBER: US/10/041,856
; CURRENT FILING DATE: 2002-07-08
; PRIOR APPLICATION NUMBER: 60/260,080
; PRIOR FILING DATE: 2001-01-06
; NUMBER OF SEQ ID NOS: 88
```



```
RESULT 1226
US-10-060-830-690
; Sequence 690, Application US/10060830
; Publication No. US20030032154A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN LCCL DOMAN CONTAINING PROTEIN
; FILE REFERENCE: PB0169
; CURRENT APPLICATION NUMBER: US/10/060,830
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/325,062
; PRIOR FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 690
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-690

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      219  TCTCCAGAGTGCAGGC 235
          |||||
          1 TCTCCAGAGTGCAGC 17
Db

RESULT 1227
US-10-060-830-739/c
; Sequence 739, Application US/10060830
; Publication No. US20030032154A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN LCCL DOMAN CONTAINING PROTEIN
; FILE REFERENCE: PB0169
; CURRENT APPLICATION NUMBER: US/10/060,830
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/325,062
; PRIOR FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 739
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-739/c

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      221  TCCAGAGTGCAGGC 237
          |||||
          17 TCCAGATCGAGCGC 1
Db

RESULT 1228
US-10-060-756A-329/c
; Sequence 329, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 329
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-329

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      221  TCCAGAGTGCAGGC 237
          |||||
          17 TCCAGATCGAGCGC 1
Db

RESULT 1229
US-10-060-756A-492
; Sequence 492, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
```

```
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/327,898
/ PRIOR FILING DATE: 2001-10-09
/ NUMBER OF SEQ ID NOS: 4804
/ SOFTWARE: Acomica Sequence Listing Engine
/ SEQ ID NO 492
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-060-756A-492
```

```
Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 598 GGTGGCGGGTGGACGTG 614
||||| ||||| |||||
Db 1 GGTGGCAGGTGGCGCG 17
```

```
RESULT 1230
US-10-060-756A-696
/ Sequence 696, Application US/10060756A
/ Publication No. US20030046717A1
/ GENERAL INFORMATION:
/ APPLICANT: Zhang, Jian
/ TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
/ FILE REFERENCE: PB0177
/ CURRENT APPLICATION NUMBER: US/10/060,756A
/ CURRENT FILING DATE: 2002-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/327,898
/ PRIOR FILING DATE: 2001-10-09
/ NUMBER OF SEQ ID NOS: 4804
/ SOFTWARE: Acomica Sequence Listing Engine
/ SEQ ID NO 696
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-060-756A-696
```

```
Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 455 CTTCCAGGAGAGTCC 471
||||| ||||| |||||
Db 1 CTTCCAGGAGGAGCACC 17
```

```
RESULT 1231
US-10-060-756A-4195/c
/ Sequence 4195, Application US/10060756A
/ Publication No. US20030046717A1
/ GENERAL INFORMATION:
/ APPLICANT: Zhang, Jian
/ TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
/ FILE REFERENCE: PB0177
/ CURRENT APPLICATION NUMBER: US/10/060,756A
/ CURRENT FILING DATE: 2002-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/327,898
/ PRIOR FILING DATE: 2001-10-09
/ NUMBER OF SEQ ID NOS: 4804
/ SOFTWARE: Acomica Sequence Listing Engine
/ SEQ ID NO 4195
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-060-756A-4195
```

```
Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 664 TGCAGCTGAAGCTCAC 680
||||| ||||| |||||
Db 17 TGCAGCTAAACACACA 1
```

```
RESULT 1232
US-10-060-756A-4228
/ Sequence 4228, Application US/10060756A
/ Publication No. US20030046717A1
/ GENERAL INFORMATION:
/ APPLICANT: Zhang, Jian
/ TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
/ FILE REFERENCE: PB0177
/ CURRENT APPLICATION NUMBER: US/10/060,756A
/ CURRENT FILING DATE: 2002-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/327,898
/ PRIOR FILING DATE: 2001-10-09
/ NUMBER OF SEQ ID NOS: 4804
/ SOFTWARE: Acomica Sequence Listing Engine
/ SEQ ID NO 4228
/ LENGTH: 17
```

```

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-4228

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 895 TGAGACGTATTTTAAG 911
DB 1 TCAGACATTTTTAAG 17

RESULT 1233
US-10-287-919-1835
; Sequence 1835, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zeiger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 1835
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (1061296) ... (1061312)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 2326
US-10-287-919-1835

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1100
DB 1 AAAAACTAAAAAAGAA 17

RESULT 1234
US-10-287-919-2172
; Sequence 2172, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zeiger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 2172
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (1314593) ... (1314609)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 2770
US-10-287-919-2172

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1100
DB 1 AAAAACTAAAAAAGAA 17

RESULT 1235
US-10-044-692-248/c
; Sequence 248, Application US/10044692
; Publication No. US20030096344A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; Lingner, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin
; Andrews, William H.
; TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND THERAPEUTIC METHODS
; NUMBER OF SEQUENCES: 335
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/044,692
; FILING DATE: 11-Jan-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/912,951
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002600US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 248:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 248:
US-10-044-692-248

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 626 CAGCGCTCAGTCCCGCT 642
DB 17 CAGCGCTCGCTCTGCT 1

RESULT 1236
US-10-044-539-248/c
; Sequence 248, Application US/10044539

```

Publication No. US20030100093A1  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
Lingner, Joachim  
Nakamura, Toru  
Chapman, Karen B.  
Morin, Gregg B.  
Harley, Calvin  
Andrews, William H.  
TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND THERAPEUTIC METHODS  
NUMBER OF SEQUENCES: 335  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/044,539  
FILING DATE: 11-Jan-2002  
CLASSIFICATION DATA:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/912,951  
FILING DATE: <Unknown>  
APPLICATION NUMBER: US 08/854,050  
FILING DATE: 09-MAY-1997  
APPLICATION NUMBER: US 08/851,843  
FILING DATE: 06-MAY-1997  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002600US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0300  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 248:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 248:  
US-10-044-539-248  
Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 626 CAGCGCTCAGTCGCGCT 642  
Db 17 CAGCGCTCAGTCGCTGCT 1  
RESULT 1237  
US-10-060-895A-93  
Sequence 93, Application US/10060895A  
Publication No. US20030104403A1  
GENERAL INFORMATION:  
APPLICANT: Zhang, Jian  
TITLE OF INVENTION: HUMAN UDP-GALNAc:POLYPEPTIDE N-ACETYLGLACTOSAMINYLTRANSFERASE  
FILE REFERENCE: PB0158  
CURRENT APPLICATION NUMBER: US/10/060,895A  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00671  
PRIOR FILING DATE: 2001-05-23  
PRIOR APPLICATION NUMBER: US 60/315,984  
PRIOR FILING DATE: 2001-08-30  
NUMBER OF SEQ ID NOS: 1682  
SOFTWARE: Aescmca Sequence Listing Engine  
SEQ ID NO 93  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-060-895A-93

APPLICANT: Gu, Yizhong  
TITLE OF INVENTION: HUMAN UDP-GALNAc:POLYPEPTIDE N-ACETYLGLACTOSAMINYLTRANSFERASE  
FILE REFERENCE: PB0158  
CURRENT APPLICATION NUMBER: US/10/060,895A  
PRIOR FILING DATE: 2002-06-10  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 09/864,761  
PRIOR FILING DATE: 2001-05-23  
PRIOR APPLICATION NUMBER: US 60/315,984  
PRIOR FILING DATE: 2001-08-30  
NUMBER OF SEQ ID NOS: 1682  
SOFTWARE: Aescmca Sequence Listing Engine  
SEQ ID NO 93  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-060-895A-93  
Query Match 1.1%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 817 GATCTGCTGGTCTGAA 833  
Db 1 GATCTGCTGGTCTGAA 17  
RESULT 1238  
US-10-060-895A-128/c  
Sequence 128, Application US/10060895A  
Publication No. US20030104403A1  
GENERAL INFORMATION:  
APPLICANT: Zhang, Jian  
TITLE OF INVENTION: HUMAN UDP-GALNAc:POLYPEPTIDE N-ACETYLGLACTOSAMINYLTRANSFERASE  
FILE REFERENCE: PB0158  
CURRENT APPLICATION NUMBER: US/10/060,895A  
PRIOR FILING DATE: 2002-06-10  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 09/864,761  
PRIOR FILING DATE: 2001-05-23

```

; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 126
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; ORGANISM: Homo sapiens
US-10-060-998-126

Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 283 TGTGAAACTGTGATGC 299
DB 17 TGTGAACTGATCTC 1

RESULT 1241
US-10-060-998-149
; Sequence 149, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 149
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; ORGANISM: Homo sapiens
US-10-060-998-149

Query Match 1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 329 AGCTGTGGAGCAACTTG 345
DB 1 AGCGTGAGCTGCTTG 17

RESULT 1242
US-10-060-998-927
; Sequence 927, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30

```

```

; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 927
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-927

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 566 GGATCCTCGCTGCTCA 582
DB 1 GGAATCTCGCTGCTCA 17

RESULT 1243
US-10-060-998-928
; Sequence 928, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 928
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-928

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 567 GGATCCTCGCTGCTCA 583
DB 1 GGAATCTCGCTGCTCA 17

RESULT 1244
US-10-060-998-1221
; Sequence 1221, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1221

```

```

; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-1221

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1020 TGTAAGCTGGCCCTGGC 1036
DB 1 TGTATACATGGCCCTGGC 17

RESULT 1245
US-10-060-998-1364
; Sequence 1364, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1364
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-1364

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 462 GAAGATCCCTCGGAAC 478
DB 1 GAAGATCCCTCGGAAC 17

RESULT 1246
US-10-060-998-1365
; Sequence 1365, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1365
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-1365

Query Match
Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 463 AAGACTCCAGAACTT 479  
 |||||  
 Db 1 AAGATCCCGTGAAGCTT 17

RESULT 1247

US-10-163-552-62/c

; Sequence 82, Application US/10163552  
 ; Publication No. US20030105051A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: McSwiggen, Jim

; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level

; FILE REFERENCE: MBH01-1653-A (400/014)

; CURRENT APPLICATION NUMBER: US/10/163,552

; CURRENT FILING DATE: 2002-06-06

; NUMBER OF SEQ ID NOS: 1997

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 62

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-163-552-62

Query Match

Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 143 GGGGGCTCAGCTCAT 159

Db 17 GGGAGCCGACGCTTCA 17

RESULT 1248

US-10-163-552-73

; Sequence 73, Application US/10163552

; Publication No. US20030105051A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: McSwiggen, Jim

; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level

; FILE REFERENCE: MBH01-1653-A (400/014)

; CURRENT APPLICATION NUMBER: US/10/163,552

; CURRENT FILING DATE: 2002-06-06

; NUMBER OF SEQ ID NOS: 1997

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 73

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-163-552-73

Query Match

Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;

Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 616 CCATCTCAACGAGCGCT 632

Db 1 CCACCUACCGAGGCGU 17

RESULT 1249

US-10-163-552-135

; Sequence 135, Application US/10163552

; Publication No. US20030105051A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: McSwiggen, Jim

; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level

; TITLE OF INVENTION: HER2  
 ; FILE REFERENCE: MBH01-1653-A (400/014)  
 ; CURRENT APPLICATION NUMBER: US/10/163,552  
 ; CURRENT FILING DATE: 2002-06-06  
 ; NUMBER OF SEQ ID NOS: 1997  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 135  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-10-163-552-135

Query Match 1.1%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 64.7%; Pred. No. 8.6e+02;  
 Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 139 CTTGGGGCTGCAGCT 155

Db 1 CUGCGGAGCUGCAGCU 17

RESULT 1250

US-10-163-552-392

; Sequence 392, Application US/10163552

; Publication No. US20030105051A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: McSwiggen, Jim

; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to lev

; FILE REFERENCE: MBH01-1653-A (400/014)

; CURRENT APPLICATION NUMBER: US/10/163,552

; CURRENT FILING DATE: 2002-06-06

; NUMBER OF SEQ ID NOS: 1997

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 392

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-163-552-392

Query Match

Best Local Similarity 1.1%; Score 12.2; DB 1; Length 17;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 354 GCCAACCTCTCAGAGA 370

Db 1 GCCAACCGCCAGAGGA 17

RESULT 1251

US-10-209-324-17/c

; Sequence 17, Application US/10209324

; Publication No. US20030108910A1

; GENERAL INFORMATION:

; APPLICANT: UNIVERSITY OF CALIFORNIA SAN FRANCISCO

; APPLICANT: TOLAND, Amanda E.

; APPLICANT: BALMAIN, Allan

; TITLE OF INVENTION: STK15 (STK6) GENE POLYMORPHISM AND METHODS OF DETERMINING CANC

; FILE REFERENCE: UCSF1120-2

; CURRENT APPLICATION NUMBER: US/10/209,324

; CURRENT FILING DATE: 2002-07-29

; PRIOR APPLICATION NUMBER: US 60/334,146

; PRIOR FILING DATE: 2001-11-28

; PRIOR APPLICATION NUMBER: US 60/308,911

; PRIOR FILING DATE: 2001-07-27

; NUMBER OF SEQ ID NOS: 34

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 17

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Artificial sequence

; FEATURE:

```
; OTHER INFORMATION: Probe sequence
US-10-209-324-17

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 631 CTCAGTCCCTCCCTG 647
Db 17 CTCAGTCCCTCCCTG 1

RESULT 1252
US-10-156-306-8
; Sequence 8, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-8

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 65 TTTGTAATTTGTAATGCA 81
Db 17 TTTGTAATTTGTAATGCA 1

RESULT 1255
US-10-156-306-484
; Sequence 484, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 484
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-484

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 8.6e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 125 AGAAAGGATGCTGCTT 141
Db 1 AGAAAGGUUUCUUCUU 17

RESULT 1256
US-10-156-306-485
; Sequence 485, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 485
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-485

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1083 TAAAAAAGAGAGAGAGAGAG 1099
Db 17 TAAAAAGAGAGAGAGAGAG 1

RESULT 1254
US-10-156-306-186/c
; Sequence 186, Application US/10156306
```



```

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of Ikk-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156.306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5001
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5001

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred: No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 407 GTCCAGCAGGCTCTCC 423
Db ||||| ||||| |||||
17 GCTCCTGCAGGAGCTCC 1

RESULT 1265
US-10-156-306-5182/c
; Sequence 5182, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of Ikk-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156.306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5182
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5182

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred: No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 596 CCGGTGGCGGGTGGACG 612
Db ||||| ||||| |||||
17 CCAGTCCCGGGTGGAGG 1

RESULT 1266
US-10-156-306-5839/c
; Sequence 5839, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of Ikk-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156.306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5839
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5839

```

```
Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 474 GAACCTGGCATTCTCTCA 490
Db 17 GAGCTGGCATTCTCTTA 1

RESULT 1267
US-10-156-306-5921/c
; Sequence 5921, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156.306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 5921
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5921

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 406 TGCTCCAGCAGGCTCTC 422
Db 17 TGCTCTGCAGGAGCTC 1

RESULT 1268
US-10-156-306-6905
; Sequence 6905, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156.306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 6905
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-6905

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 8.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 137 TGCTTTGGGGGCTGCAG 153
Db 1 USCUCGGGAGCUCGAG 17

RESULT 1269
US-10-255-434-10
; Sequence 10, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
```

```
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Williams, Brett F.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: EP0101-US
; CURRENT APPLICATION NUMBER: US/10/255.434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 10
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule: Synthetic
; OTHER INFORMATION: Oligomer Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Probe
; OTHER INFORMATION: Sequence
US-10-255-434-10

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 993 GGAAGTCTGAGGCTGGA 1009
Db 1 GGGAGGCTGAGGCAGGA 17

RESULT 1270
US-10-255-434-22/c
; Sequence 22, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: EP0101-US
; CURRENT APPLICATION NUMBER: US/10/255.434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 22
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule: Synthetic
; OTHER INFORMATION: Oligomer Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Probe
; OTHER INFORMATION: Sequence
US-10-255-434-22

Query Match      1.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 8.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 993 GGAAGTCTGAGGCTGGA 1009
Db 17 GGGAGGCTGAGGCAGGA 1

RESULT 1271
US-09-774-381-11/c
; Sequence 11, Application US/09774381
; Publication No. US20030082677A1
; GENERAL INFORMATION:
```

; APPLICANT: Holtzman, Douglas A.  
; APPLICANT: McCarthy, Sean A.  
; APPLICANT: Pan, Yang  
; APPLICANT: Gearing, David P.  
; TITLE OF INVENTION: NOVEL EDITOR, MTR-1, LSP-1, TAP-1, AND PA-I MOLECULES  
; TITLE OF INVENTION: AND USES THEREFOR  
; FILE REFERENCE: MNI-107CPC2  
; CURRENT APPLICATION NUMBER: US/09/774,381  
; CURRENT FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: 08/941,354  
; PRIOR FILING DATE: 1999-09-30  
; PRIOR APPLICATION NUMBER: 09/010,674  
; PRIOR FILING DATE: 1998-01-22  
; PRIOR APPLICATION NUMBER: 60/061,149  
; PRIOR FILING DATE: 1997-10-06  
; PRIOR APPLICATION NUMBER: 09/014,347  
; PRIOR FILING DATE: 1998-01-27  
; PRIOR APPLICATION NUMBER: 60/061,159  
; PRIOR FILING DATE: 1997-10-06  
; PRIOR APPLICATION NUMBER: 09/474,151  
; PRIOR FILING DATE: 2000-12-21  
; PRIOR APPLICATION NUMBER: 09/004,206  
; PRIOR FILING DATE: 1998-01-08  
; PRIOR APPLICATION NUMBER: 60/061,143  
; PRIOR FILING DATE: 1997-10-06  
; PRIOR APPLICATION NUMBER: 09/483,414  
; PRIOR FILING DATE: 2000-01-14  
; PRIOR APPLICATION NUMBER: 09/213,571  
; PRIOR FILING DATE: 1998-12-18  
; PRIOR APPLICATION NUMBER: 08/994,890  
; PRIOR FILING DATE: 1997-12-19  
; NUMBER OF SEQ ID NOS: 59  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 11  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: primer  
US-09-774-381-11  
Query Match 1.1%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 9e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 142 TGGGGGCTGCAGCTCCA 158  
DB 17 TGTGGGCTGCACCTGCA 1  
RESULT 1272  
US-10-175-492-15/c  
; Sequence 15, Application US/10175492  
; Publication No. US20030232442A1  
; GENERAL INFORMATION:  
; APPLICANT: Kenneth W. Doble  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PAZ/PIWI DOMAIN-CONTAINING PROTEIN EXPRES  
; FILE REFERENCE: RTS-0435  
; CURRENT APPLICATION NUMBER: US/10/175,492  
; CURRENT FILING DATE: 2002-06-17  
; NUMBER OF SEQ ID NOS: 164  
; SEQ ID NO 15  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-175-492-15  
Query Match 1.1%; Score 12.2; DB 1; Length 20;  
Best Local Similarity 82.4%; Pred. No. 9.7e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 185 CAGTGGCGGCTCAGTT 201  
DB 19 CAGTGGCGGCTCCGTT 3  
RESULT 1273  
US-10-175-492-93  
; Sequence 93, Application US/10175492  
; Publication No. US20030232442A1  
; GENERAL INFORMATION:  
; APPLICANT: Kenneth W. Doble  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PAZ/PIWI DOMAIN-CONTAINING PROTEIN EXPR  
; FILE REFERENCE: RTS-0435  
; CURRENT APPLICATION NUMBER: US/10/175,492  
; CURRENT FILING DATE: 2002-06-17  
; NUMBER OF SEQ ID NOS: 164  
; SEQ ID NO 93  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: H. sapiens  
; FEATURE:  
US-10-175-492-93  
Query Match 1.1%; Score 12.2; DB 1; Length 20;  
Best Local Similarity 82.4%; Pred. No. 9.7e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 185 CAGTGGCGGCTCAGTT 201  
DB 2 CAGTGGCGGCTCCGTT 18  
RESULT 1274  
US-08-870-434-16/c  
; Sequence 16, Application US/08870434  
; Publication No. US20020034736A1  
; GENERAL INFORMATION:  
; APPLICANT: Falb, Dean  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE  
; NUMBER OF SEQUENCES: 44  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Pennie & Edmonds LLP  
; STREET: 1155 Avenue of the Americas  
; CITY: New York  
; STATE: NY  
; COUNTRY: USA  
; ZIP: 10036/2711  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/870,434  
; FILING DATE: 06-JUN-1997  
; CLASSIFICATION: 800  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/799,910  
; FILING DATE: 13-FEB-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Coruzzi, Laura A.  
; REGISTRATION NUMBER: 30,742  
; REFERENCE/DOCKET NUMBER: 7853-084  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 212-790-9090  
; TELEFAX: 212-869-8864  
; TELEX: 66141 PENNIE  
; INFORMATION FOR SEQ ID NO: 16:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 12 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single

; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
US-08-870-434-16

Query Match 1.1%; Score 12; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAA 1094  
Db 12 TAAAAAATAAA 1

## RESULT 1275

US-09-489-220-25/c  
; Sequence 25; Application US/09489220  
; Patent No. US20020110808A1  
; GENERAL INFORMATION:  
; APPLICANT: Reidhaar-Olson, John F.  
; APPLICANT: Glaxo Wellcome, Inc.  
; TITLE OF INVENTION: Toxicant-Induced Differential Gene Expression  
; FILE REFERENCE: 16528A-038900US  
; CURRENT APPLICATION NUMBER: US/09/489,220  
; CURRENT FILING DATE: 2000-01-21  
; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 25  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: T-12 in  
; OTHER INFORMATION: anchored primer (AP)  
US-09-489-220-25

Query Match 1.1%; Score 12; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAATAAA 1095  
Db 12 AAAAAAATAAA 1

## RESULT 1276

US-09-841-157A-18/c  
; Sequence 18; Application US/09841157A  
; Publication No. US20020192648A1  
; GENERAL INFORMATION:  
; APPLICANT: NISHIGAKI, KOICHI  
; APPLICANT: TAKASAWA, TSUTOMU  
; APPLICANT: HAMANO, KEIICHI  
; TITLE OF INVENTION: METHODS OF IDENTIFYING AN ORGANISM BASED ON ITS GENOTYPE  
; FILE REFERENCE: 12637/P66602US0  
; CURRENT APPLICATION NUMBER: US/09/841,157A  
; CURRENT FILING DATE: 2001-04-25  
; NUMBER OF SEQ ID NOS: 44  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 18  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-09-841-157A-18

Query Match 1.1%; Score 12; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAATAAA 1095  
Db 12 AAAAAAATAAA 1

## RESULT 1277

US-09-560-150-16/c  
; Sequence 16; Application US/09560150  
; Publication No. US20030073076A1  
; GENERAL INFORMATION:  
; APPLICANT: FALB, Dean A.  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE  
; FILE REFERENCE: 7853-126  
; CURRENT APPLICATION NUMBER: US/09/560,150  
; CURRENT FILING DATE: 2000-04-28  
; PRIOR APPLICATION NUMBER: 09/126,640  
; PRIOR FILING DATE: 1998-07-30  
; PRIOR APPLICATION NUMBER: 08/870,434  
; PRIOR FILING DATE: 1997-06-06  
; PRIOR APPLICATION NUMBER: 08/799,910  
; PRIOR FILING DATE: 1997-02-13  
; PRIOR APPLICATION NUMBER: 60/011,787  
; PRIOR FILING DATE: 1996-02-16  
; NUMBER OF SEQ ID NOS: 44  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 16  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Primer  
US-09-560-150-16

Query Match 1.1%; Score 12; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAA 1094  
Db 12 TAAAAAATAAA 1

## RESULT 1278

US-09-997-931-7/c  
; Sequence 7; Application US/09997931  
; Publication No. US20030087241A1  
; GENERAL INFORMATION:  
; APPLICANT: University of Rochester  
; APPLICANT: Kool, Eric  
; TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND DNA  
; FILE REFERENCE: 220.00010142  
; CURRENT APPLICATION NUMBER: US/09/997,931  
; CURRENT FILING DATE: 2001-11-30  
; PRIOR APPLICATION NUMBER: US 09/569,344  
; PRIOR FILING DATE: 2000-05-11  
; PRIOR APPLICATION NUMBER: US 08/805,631  
; PRIOR FILING DATE: 1997-02-26  
; PRIOR APPLICATION NUMBER: US 08/393,439  
; PRIOR FILING DATE: 1995-02-23  
; PRIOR APPLICATION NUMBER: US 08/047,860  
; PRIOR FILING DATE: 1993-04-15  
; NUMBER OF SEQ ID NOS: 129  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 7  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: resultant desired oligomer  
US-09-997-931-7

Query Match 1.1%; Score 12; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAA 1095  
Db 12 AAAAAAAAAA 1

RESULT 1279  
US-10-352-704-8/c  
; Sequence 8, Application US/10352704  
; Publication No. US20030176690A1  
; GENERAL INFORMATION:  
; APPLICANT: Chatelain, Francois  
; Kumarev, Viktor  
; TITLE OF INVENTION: Process for Preparing Polynucleotides on  
; a Solid Support and Apparatus Permitting its  
; Implementation  
; NUMBER OF SEQUENCES: 31  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Jacobson, Price, Holman & Stern  
; STREET: 400 Seventh St. N.W.  
; CITY: Washington D.C  
; STATE: D.C  
; COUNTRY: U.S.A.  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/352,704  
; FILING DATE: 28-Jan-2003  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/358,556A  
; FILING DATE: 14-DEC-1994  
; APPLICATION NUMBER: FR 9315164  
; FILING DATE: 16-DEC-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Player, William E.  
; REGISTRATION NUMBER: 31,409  
; REFERENCE/DOCKET NUMBER: 10577/P58418  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 638-6666  
; TELEFAX: (202) 393-5350  
; TELEX: RCA 248593 IDEA UR  
; INFORMATION FOR SEQ ID NO: 8:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 12 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (Genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE: N-terminal  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 1..12  
; SEQUENCE DESCRIPTION: SEQ ID NO: 8:  
US-10-352-704-8  
Query Match 1.1%; Score 12; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAA 1095  
Db 12 AAAAAAAAAA 1

RESULT 1280  
US-10-352-704-14  
; Sequence 14, Application US/10352704

; Publication No. US20030176690A1  
; GENERAL INFORMATION:  
; APPLICANT: Chatelain, Francois  
; Kumarev, Viktor  
; TITLE OF INVENTION: Process for Preparing Polynucleotides on  
; a Solid Support and Apparatus Permitting its  
; Implementation  
; NUMBER OF SEQUENCES: 31  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Jacobson, Price, Holman & Stern  
; STREET: 400 Seventh St. N.W.  
; CITY: Washington D.C  
; STATE: D.C  
; COUNTRY: U.S.A.  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/352,704  
; FILING DATE: 28-Jan-2003  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/358,556A  
; FILING DATE: 14-DEC-1994  
; APPLICATION NUMBER: FR 9315164  
; FILING DATE: 16-DEC-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Player, William E.  
; REGISTRATION NUMBER: 31,409  
; REFERENCE/DOCKET NUMBER: 10577/P58418  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 638-6666  
; TELEFAX: (202) 393-5350  
; TELEX: RCA 248593 IDEA UR  
; INFORMATION FOR SEQ ID NO: 14:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 12 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (Genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE: N-terminal  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 1..12  
; SEQUENCE DESCRIPTION: SEQ ID NO: 14:  
US-10-352-704-14  
Query Match 1.1%; Score 12; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAA 1095  
Db 1 AAAAAAAAAA 12

RESULT 1281  
US-09-823-031-1/c  
; Sequence 1, Application US/09823031  
; Publication No. US20030208061A1  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; Guzaev, Andrei P.  
; TITLE OF INVENTION: Labeled Oligonucleotides, Methods For Making Same And Compounds  
; THEREFOR  
; FILE REFERENCE: IS154723  
; CURRENT APPLICATION NUMBER: US/09/823,031

; CURRENT FILING DATE: 2001-03-30  
; NUMBER OF SEQ ID NOS: 21  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc feature  
; OTHER INFORMATION: Oligonucleotide  
US-09-823-031-1

Query Match 1.1%; Score 12; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 6.8e+02; Indels 0;  
Matches 12; Conservative 0; Mismatches 0; Gaps 0;

QY 1084 AAAAAAAAAA 1095  
Db 12 AAAAAAAAAA 1

RESULT 1282  
US-10-001-879-109  
; Sequence 109, Application US/10001879  
; Publication No. US20020127237A1  
; GENERAL INFORMATION:  
; APPLICANT: Salceda, Susana  
; APPLICANT: Macina, Roberto  
; APPLICANT: Recipon, Hervé  
; APPLICANT: Caifferkey, Robert  
; APPLICANT: Ali, Shujath  
; APPLICANT: Sun, Yongming  
; APPLICANT: Liu, Chenghua  
; TITLE OF INVENTION: Compositions and Methods Relating to Prostate Specific Genes and  
; FILE REFERENCE: DEX-0281  
; CURRENT APPLICATION NUMBER: US/10/001,879  
; CURRENT FILING DATE: 2001-11-20  
; PRIOR APPLICATION NUMBER: 60/252,188  
; PRIOR FILING DATE: 2000-11-21  
; NUMBER OF SEQ ID NOS: 201  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 109  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Homo sapien  
US-10-001-879-109

Query Match 1.1%; Score 12; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0;  
Gaps 0;

QY 1084 AAAAAAAAAA 1095  
Db 1 AAAAAAAAAA 12

RESULT 1283  
US-10-094-183-17  
; Sequence 17, Application US/10094183  
; Publication No. US20020168631A1  
; GENERAL INFORMATION:  
; APPLICANT: Welgene, Inc.  
; TITLE OF INVENTION: Random Gene Unidirectional Antisense Library  
; FILE REFERENCE: 57354.00003  
; CURRENT APPLICATION NUMBER: US/10/094,183  
; CURRENT FILING DATE: 2002-03-08  
; NUMBER OF SEQ ID NOS: 22  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 17  
; LENGTH: 12  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:

; OTHER INFORMATION: Artificial Sequence: Synthetic Primer  
US-10-094-183-17

Query Match 1.1%; Score 12; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0;  
Gaps 0;

QY 1084 AAAAAAAAAA 1095  
Db 1 AAAAAAAAAA 12

RESULT 1284  
US-10-208-357-18  
; Sequence 18, Application US/10208357  
; Publication No. US20020182867A1  
; GENERAL INFORMATION:  
; APPLICANT: Kurz, Markus  
; APPLICANT: Lohse, Peter  
; APPLICANT: Wagner, Richard  
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods  
; FILE REFERENCE: 50036/031002  
; CURRENT APPLICATION NUMBER: US/10/208,357  
; CURRENT FILING DATE: 2002-07-30  
; PRIOR APPLICATION NUMBER: US/09/619,103  
; PRIOR FILING DATE: 2000-07-19  
; PRIOR APPLICATION NUMBER: 60/145,834  
; PRIOR FILING DATE: 1999-07-27  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 18  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: designed sequence for nucleic acid purification  
US-10-208-357-18

Query Match 1.1%; Score 12; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0;  
Gaps 0;

QY 1084 AAAAAAAAAA 1095  
Db 1 AAAAAAAAAA 12

RESULT 1285  
US-10-067-741-16/c  
; Sequence 16, Application US/10067741  
; Publication No. US20030037668A1  
; GENERAL INFORMATION:  
; APPLICANT: Dean A. Falb  
; APPLICANT: Katherine Galvin  
; APPLICANT: Michael Donovan  
; APPLICANT: Dennis Huszar  
; APPLICANT: Michael A. Gimbrone, Jr.  
; TITLE OF INVENTION: Compositions and Methods for the Treatment and  
; TITLE OF INVENTION: Diagnosis of  
; TITLE OF INVENTION: Cardiovascular Disease  
; FILE REFERENCE: 7853-140-999  
; CURRENT APPLICATION NUMBER: US/10/067,741  
; CURRENT FILING DATE: 2002-02-08  
; PRIOR APPLICATION NUMBER: US/09/288,292  
; PRIOR FILING DATE: 1999-04-08  
; PRIOR APPLICATION NUMBER: 08/870,434  
; PRIOR FILING DATE: 1997-06-06  
; PRIOR APPLICATION NUMBER: 08/799,910  
; PRIOR FILING DATE: 1997-02-13  
; PRIOR APPLICATION NUMBER: 60/011,787  
; PRIOR FILING DATE: 1996-02-16  
; PRIOR APPLICATION NUMBER: 08/485,573  
; PRIOR FILING DATE: 1995-06-07

```

; PRIOR APPLICATION NUMBER: 08/386,844
; PRIOR FILING DATE: 1995-02-10
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-067-741-16

```

```

Query Match      1.1%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      1083 TAAAAAARAAAA 1094
      |||||
Db      12 TAAAAAARAAAA 1

```

```

RESULT 1286
US-10-180-196-5
; Sequence 5, Application US/10180196
; Publication No. US20030124562A1
; GENERAL INFORMATION:
; APPLICANT: Guegler, Karl
; APPLICANT: Rose, Michael J.
; TITLE OF INVENTION: Methods and Compositions for Producing
; TITLE OF INVENTION: Full Length cDNA Libraries
; FILE REFERENCE: 06514-087US1
; CURRENT APPLICATION NUMBER: US/10/180,196
; CURRENT FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: US/09/352,540
; PRIOR FILING DATE: 1999-07-13
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 12
; TYPE: RNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: polyA signal
; LOCATION: (1)...(12)
US-10-180-196-5

```

```

Query Match      1.1%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      1084 AAAAAAARAAAA 1095
      |||||
Db      1 AAAAAAARAAAA 12

```

```

RESULT 1287
US-08-825-486-16/c
; Sequence 16, Application US/08825486
; Publication No. US20020016303A1
; GENERAL INFORMATION:
; APPLICANT: Falb, Dean
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
; TITLE OF INVENTION: THE TREATMENT AND DIAGNOSIS OF
; TITLE OF INVENTION: CARDIOVASCULAR DISEASE
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette

```

```

; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/825,486
; FILING DATE: 28-MAR-1997
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/799,910
; FILING DATE: 13-FEB-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-077-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)7909090
; TELEFAX: (212)8699741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
US-08-825-486-16

```

```

Query Match      1.1%; Score 12; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 7.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy      1082 TTAARAAAAAARAAAA 1094
      |||||
Db      13 TTAARAAAAAARAAAA 1

```

```

RESULT 1288
US-09-372-044-16/c
; Sequence 16, Application US/09372044A
; Patent No. US20020102603A1
; GENERAL INFORMATION:
; APPLICANT: Dean FALB et al.
; TITLE OF INVENTION: Compositions and Methods for the
; TITLE OF INVENTION: Treatment and Diagnosis of Cardiovascular Disease
; FILE REFERENCE: 7853-152
; CURRENT APPLICATION NUMBER: US/09/372,044A
; CURRENT FILING DATE: 1999-08-11
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(13)
; OTHER INFORMATION: n = A,T,C or G
US-09-372-044-16

```

```

Query Match      1.1%; Score 12; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 7.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy      1082 TTAARAAAAAARAAAA 1094
      |||||
Db      13 TTAARAAAAAARAAAA 1

```

```

RESULT 1289
US-09-371-900-19/c
; Sequence 19, Application US/09371900
; Patent No. US20020137700A1
; GENERAL INFORMATION:

```

```
,
,
, APPLICANT: FALB, DEAN A
, TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
, TREATMENT AND DIAGNOSIS OF CARDIOVASCULAR DISEASE
,
, NUMBER OF SEQUENCES: 54
, CORRESPONDENCE ADDRESS:
, ADDRESSEE: PENNIE & EDMONDS LLP
, STREET: 1155 Avenue of the Americas
, CITY: New York
, STATE: New York
, COUNTRY: USA
, ZIP: 10036-2711
,
, COMPUTER READABLE FORM:
, MEDIUM TYPE: Floppy disk
, COMPUTER: IBM PC compatible
, OPERATING SYSTEM: PC-DOS/MS-DOS
, SOFTWARE: PatentIn Release #1.0, Version #1.30
, CURRENT APPLICATION DATA:
, APPLICATION NUMBER: US/09/371,900
, FILING DATE: 11-AUG-1999
, CLASSIFICATION: <Unknown>
,
, PRIOR APPLICATION DATA:
, APPLICATION NUMBER: US 08/599,654
, FILING DATE: 09-FEB-1996
, APPLICATION NUMBER: US 08/485,573
, FILING DATE: 07-JUN-1995
, APPLICATION NUMBER: US 08/386,844
, FILING DATE: 10-FEB-1995
,
, ATTORNEY/AGENT INFORMATION:
, NAME: CORUZZI, LAURA A.
, REGISTRATION NUMBER: 30,742
, REFERENCE/DOCKET NUMBER: 7853-104
, TELECOMMUNICATION INFORMATION:
, TELEPHONE: (212) 790-9090
, TELEFAX: (212) 869-8864
, TELEX: 66141 PENNIE
,
, INFORMATION FOR SEQ ID NO: 19:
, SEQUENCE CHARACTERISTICS:
, LENGTH: 13 base pairs
, TYPE: nucleic acid
, STRANDEDNESS: single
, TOPOLOGY: linear
, MOLECULE TYPE: other nucleic acid
, DESCRIPTION: /desc = "synthetic oligonucleotide"
, HYPOTHETICAL: NO
, FEATURE:
, NAME/KEY: misc_feature
, LOCATION: 12
, SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-09-371-900-19

Query Match 1.1%; Score 12; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 7.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1082 TTAATAAAAAAAAAA 1094
DB 13 TTAATAAAAAAAAAA 1

RESULT 1290
US-09-820-19/c
Sequence 19, Application US/09970820
Patent No. US20020170077A1
GENERAL INFORMATION:
APPLICANT: FALB, DEAN A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
TREATMENT AND DIAGNOSIS OF CARDIOVASCULAR DISEASE
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/986,718
FILING DATE: 09-NOV-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/485,573
FILING DATE: <Unknown>
```

```
,
,
, COUNTRY: USA
, ZIP: 10036-2711
, COMPUTER READABLE FORM:
, MEDIUM TYPE: Floppy disk
, COMPUTER: IBM PC compatible
, OPERATING SYSTEM: PC-DOS/MS-DOS
, SOFTWARE: PatentIn Release #1.0, Version #1.30
, CURRENT APPLICATION DATA:
, APPLICATION NUMBER: US/09/970,820
, FILING DATE: 05-OCT-2001
, CLASSIFICATION: <Unknown>
,
, PRIOR APPLICATION DATA:
, APPLICATION NUMBER: US 08/386,844
, FILING DATE: 10-FEB-1995
, ATTORNEY/AGENT INFORMATION:
, NAME: CORUZZI, LAURA A.
, REGISTRATION NUMBER: 30,742
, REFERENCE/DOCKET NUMBER: 7853-032
, TELECOMMUNICATION INFORMATION:
, TELEPHONE: (212) 790-9090
, TELEFAX: (212) 869-8864
, TELEX: 66141 PENNIE
,
, INFORMATION FOR SEQ ID NO: 19:
, SEQUENCE CHARACTERISTICS:
, LENGTH: 13 base pairs
, TYPE: nucleic acid
, STRANDEDNESS: single
, TOPOLOGY: linear
, MOLECULE TYPE: DNA (genomic)
, HYPOTHETICAL: NO
, FEATURE:
, NAME/KEY: misc_feature
, LOCATION: 12
, SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-09-970-820-19

Query Match 1.1%; Score 12; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 7.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1082 TTAATAAAAAAAAAA 1094
DB 13 TTAATAAAAAAAAAA 1

RESULT 1291
US-09-986-718-19/c
Sequence 19, Application US/09986718
Patent No. US20020178458A1
GENERAL INFORMATION:
APPLICANT: FALB, DEAN A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
TREATMENT AND DIAGNOSIS OF CARDIOVASCULAR DISEASE
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/986,718
FILING DATE: 09-NOV-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/485,573
FILING DATE: <Unknown>
```

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 12
; SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-09-986-718-19
      1.1%; Score 12; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 7.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1082 TTAATAAAAAAAAA 1094
DB 13 TTAATAAAAAAAAA 1

RESULT 1292
US-10-186-950-19/c
; Sequence 19, Application US/10186950
; Publication No. US20030188327A1
; GENERAL INFORMATION:
; APPLICANT: FALB, DEAN A
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
; TREATMENT AND DIAGNOSIS OF CARDIOVASCULAR DISEASE
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/186,950
; FILING DATE: 02-Jul-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/944,496
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/599,654
; FILING DATE: 03-FEB-1996
; APPLICATION NUMBER: US 08/485,573
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US 08/386,844
; FILING DATE: 10-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: CORUZZI, LAURA A
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-104
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864
; TELEX: 66141 PENNIE

```

```

; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic oligonucleotide"
; HYPOTHETICAL: NO
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 12
; SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-10-186-950-19
      1.1%; Score 12; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 7.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1082 TTAATAAAAAAAAA 1094
DB 13 TTAATAAAAAAAAA 1

RESULT 1293
US-10-094-183-19
; Sequence 19, Application US/10094183
; Publication No. US20020168631A1
; GENERAL INFORMATION:
; APPLICANT: Welgene, Inc.
; TITLE OF INVENTION: Random Gene Unidirectional Antisense Library
; FILE REFERENCE: 57354.00003
; CURRENT APPLICATION NUMBER: US/10/094,183
; CURRENT FILING DATE: 2002-03-08
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificial Sequence: Synthetic Primer
US-10-094-183-19

Query Match      1.1%; Score 12; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 7.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAA 1095
DB 2 AAAAAAAAAAAAA 13

RESULT 1294
US-10-149-121-10/c
; Sequence 10, Application US/10149121
; Publication No. US20030097678A1
; GENERAL INFORMATION:
; APPLICANT: KUNSHINOV, VIKTOR
; APPLICANT: KANERVA, ANNE
; APPLICANT: KOIVU, KIMMO
; APPLICANT: PEHU, EIJJA
; TITLE OF INVENTION: A PROCESS FOR CONVERTING STORAGE RESERVES OF DICOT
; SEEDS INTO COMPOSITIONS COMPRISING ONE OR MORE GENE
; PRODUCTS
; TITLE OF INVENTION: PRODUCTS
; FILE REFERENCE: BRN-003
; CURRENT APPLICATION NUMBER: US/10/149,121
; CURRENT FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: FI 19992659
; PRIOR FILING DATE: 1999-12-10
; PRIOR APPLICATION NUMBER: PCT/FI00/01081
; PRIOR FILING DATE: 2000-12-08
; NUMBER OF SEQ ID NOS: 32

```

```
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: 3' primer
US-10-149-121-10

Query Match          1.1%; Score 12; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 7.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAA1094
DB 12 TAAAAA1

RESULT 1295
US-10-149-121-11/c
; Sequence 11, Application US/10149121
; Publication No. US20030097678A1
; GENERAL INFORMATION:
; APPLICANT: KUVSHINOV, VIKTOR
; APPLICANT: KANERVA, ANNE
; APPLICANT: KOIVU, KIMMO
; APPLICANT: PEHU, EIJA
; TITLE OF INVENTION: A PROCESS FOR CONVERTING STORAGE RESERVES OF DICOT
; TITLE OF INVENTION: SEEDS INTO COMPOSITIONS COMPRISING ONE OR MORE GENE
; FILE REFERENCE: BRN-003
; CURRENT APPLICATION NUMBER: US/10/149,121
; CURRENT FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: FI 19992659
; PRIOR FILING DATE: 1999-12-10
; PRIOR APPLICATION NUMBER: PCT/FI00/01081
; PRIOR FILING DATE: 2000-12-08
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: 3' primer
US-10-149-121-11

Query Match          1.1%; Score 12; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 7.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAA1094
DB 12 TAAAAA1

RESULT 1296
US-10-149-121-12/c
; Sequence 12, Application US/10149121
; Publication No. US20030097678A1
; GENERAL INFORMATION:
; APPLICANT: KUVSHINOV, VIKTOR
; APPLICANT: KANERVA, ANNE
; APPLICANT: KOIVU, KIMMO
; APPLICANT: PEHU, EIJA
; TITLE OF INVENTION: A PROCESS FOR CONVERTING STORAGE RESERVES OF DICOT
; TITLE OF INVENTION: SEEDS INTO COMPOSITIONS COMPRISING ONE OR MORE GENE
; FILE REFERENCE: BRN-003
; CURRENT APPLICATION NUMBER: US/10/149,121
; CURRENT FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: FI 19992659
; PRIOR FILING DATE: 1999-12-10
```

```
; PRIOR APPLICATION NUMBER: PCT/FI00/01081
; PRIOR FILING DATE: 2000-12-08
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: 3' primer
US-10-149-121-12

Query Match          1.1%; Score 12; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 7.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAA1094
DB 12 TAAAAA1

RESULT 1297
US-10-108-164-115/c
; Sequence 115, Application US/10108164
; Publication No. US20030104356A1
; GENERAL INFORMATION:
; APPLICANT: Berger, Shelley L.
; APPLICANT: Fasser, Nigel W.
; APPLICANT: Tal-Singer, Ruth
; APPLICANT: Leary, Jeffrey J.
; TITLE OF INVENTION: Compounds And Methods For Treating And
; TITLE OF INVENTION: Screening Viral Reactivation
; FILE REFERENCE: P50682C1
; CURRENT APPLICATION NUMBER: US/10/108,164
; CURRENT FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: 09/424,348
; PRIOR FILING DATE: 1999-07-01
; PRIOR APPLICATION NUMBER: PCT/US98/13733
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/051,633
; PRIOR FILING DATE: 1997-07-03
; PRIOR APPLICATION NUMBER: 60/054,515
; PRIOR FILING DATE: 1997-08-01
; PRIOR APPLICATION NUMBER: 60/080,352
; PRIOR FILING DATE: 1998-04-01
; NUMBER OF SEQ ID NOS: 145
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 115
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Mus musculus
; OTHER INFORMATION: Description of Artificial Sequence: 3' primer
US-10-108-164-115

Query Match          1.1%; Score 12; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 7.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAA1094
DB 12 TAAAAA1

RESULT 1298
US-10-325-881-57/c
; Sequence 57, Application US/10325881
; Publication No. US20030119047A1
; GENERAL INFORMATION:
; APPLICANT: YOSHIKAWA, YOSHIE
; APPLICANT: MUKAI, HIROYUKI
; APPLICANT: ASADA, KIYOZO
; APPLICANT: HINO, FUMITSUGU
; APPLICANT: KATO, IKUNOSHIN
; TITLE OF INVENTION: CANCER-ASSOCIATED GENES
```

; FILE REFERENCE: 1422-388P  
; CURRENT APPLICATION NUMBER: US/10/325.881  
; CURRENT FILING DATE: 2002-12-23  
; PRIOR APPLICATION NUMBER: US/09/377,497  
; PRIOR FILING DATE: 1999-08-20  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 57  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: any n or Xaa = unknown  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA  
US-10-325-881-57

Query Match 1.1%; Score 12; DB 1; Length 13;  
Best Local Similarity 100.0%; Pred. No. 7.3e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAA 1094  
| | | | | | | | | | | | | | | | | |  
DB 12 TAAAAAATAAAA 1

RESULT 1299  
US-10-325-881-58/c  
; Sequence 58, Application US/10325881  
; Publication No. US20030119047A1  
; GENERAL INFORMATION:  
; APPLICANT: YOSHIKAWA, YOSHIE  
; APPLICANT: MURAI, HIROYUKI  
; APPLICANT: ASADA, KIYOZO  
; APPLICANT: HINO, FUMITSUGU  
; APPLICANT: KATO, IKUNOSHIN  
; TITLE OF INVENTION: CANCER-ASSOCIATED GENES  
; FILE REFERENCE: 1422-388P  
; CURRENT APPLICATION NUMBER: US/10/325.881  
; CURRENT FILING DATE: 2002-12-23  
; PRIOR APPLICATION NUMBER: US/09/377,497  
; PRIOR FILING DATE: 1999-08-20  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 58  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: any n or Xaa = unknown  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA  
US-10-325-881-58

Query Match 1.1%; Score 12; DB 1; Length 13;  
Best Local Similarity 100.0%; Pred. No. 7.3e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAA 1094  
| | | | | | | | | | | | | | | | | |  
DB 12 TAAAAAATAAAA 1

RESULT 1300  
US-09-504-231A-1339  
; Sequence 1339, Application US/09504231A  
; Patent No. US20020013458A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis

; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELA  
; FILE REFERENCE: HEPATITIS C VIRUS INFECTION  
; FILE REFERENCE: rpi 247/282  
; CURRENT APPLICATION NUMBER: US/09/504,231A  
; CURRENT FILING DATE: 2000-02-15  
; PRIOR APPLICATION NUMBER: 09/274,553  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3242  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1339  
; LENGTH: 14  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-504-231A-1339

Query Match 1.1%; Score 12; DB 1; Length 14;  
Best Local Similarity 75.0%; Pred. No. 7.8e+02;  
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 148 CTCGAGCTCCAT 159  
| | | | | | | | | | | | | | | | | |  
DB 1 CUGCAGCUCCAU 12

RESULT 1301  
US-09-274-553D-1339  
; Sequence 1339, Application US/09274553D  
; Patent No. US2003008225A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELA  
; FILE REFERENCE: rpi 247/282  
; CURRENT APPLICATION NUMBER: US/09/274,553D  
; CURRENT FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3148  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1339  
; LENGTH: 14  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-274-553D-1339

Query Match 1.1%; Score 12; DB 1; Length 14;  
Best Local Similarity 75.0%; Pred. No. 7.8e+02;  
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 148 CTCGAGCTCCAT 159  
| | | | | | | | | | | | | | | | | |  
DB 1 CUGCAGCUCCAU 12

RESULT 1302

```
US-09-889-164-31/c
; Sequence 31, Application US/09888164
; Publication No. US20030119724A1
; GENERAL INFORMATION:
; APPLICANT: Ts'O, Paul O.P.
; APPLICANT: Hangeland, Jon
; APPLICANT: Deamond, Scott
; APPLICANT: Roby, Clinton
; TITLE OF INVENTION: LIGANDS TO ENHANCE CELLULAR UPTAKE OF BIOMOLECULES
; FILE REFERENCE: 212241
; CURRENT APPLICATION NUMBER: US/09/888,164
; CURRENT FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: 09/282,455
; PRIOR FILING DATE: 1999-03-31
; PRIOR APPLICATION NUMBER: 08/755,062
; PRIOR FILING DATE: 1996-11-22
; PRIOR APPLICATION NUMBER: 60/007,480
; PRIOR FILING DATE: 1995-11-22
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 31
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA fragment non-complementary from Hepatitis B virus
US-09-888-164-31
Query Match 1.1%; Score 12; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 492 GATCTAATTGGA 503
Db 12 GATCTAATTGGA 1

RESULT 1303
US-10-385-450-18/c
; Sequence 18, Application US/10385450
; Publication No. US20030157683A1
; GENERAL INFORMATION:
; APPLICANT: Lehar, et al., Sophie M.
; TITLE OF INVENTION: APOPTOSIS GENE EI24, COMPOSITIONS, AND METHODS OF USE
; FILE REFERENCE: 104322.170DIV
; CURRENT APPLICATION NUMBER: US/10/385,450
; CURRENT FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: US/09/151,771B
; PRIOR FILING DATE: 1998-09-11
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer sequence
; NAME/KEY: unsure
; LOCATION: (13)
; OTHER INFORMATION: any nucleotide can be used
US-10-385-450-18
Query Match 1.1%; Score 12; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1095
Db 12 AAAAAAAAAAAAAA 1

RESULT 1304
US-10-385-450-18/c
; Sequence 18, Application US/10385450
; Publication No. US20030157683A1
; GENERAL INFORMATION:
; APPLICANT: Lehar, et al., Sophie M.
; TITLE OF INVENTION: APOPTOSIS GENE EI24, COMPOSITIONS, AND METHODS OF USE
; FILE REFERENCE: 104322.170DIV
; CURRENT APPLICATION NUMBER: US/10/385,450
; CURRENT FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: US/09/151,771B
; PRIOR FILING DATE: 1998-09-11
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer sequence
; NAME/KEY: unsure
; LOCATION: (13)
; OTHER INFORMATION: any nucleotide can be used
US-10-385-450-18
Query Match 1.1%; Score 12; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1095
Db 12 AAAAAAAAAAAAAA 1

RESULT 1304
```

```
US-10-385-450-21/c
; Sequence 21, Application US/10385450
; Publication No. US20030157683A1
; GENERAL INFORMATION:
; APPLICANT: Lehar, et al., Sophie M.
; TITLE OF INVENTION: APOPTOSIS GENE EI24, COMPOSITIONS, AND METHODS OF USE
; FILE REFERENCE: 104322.170DIV
; CURRENT APPLICATION NUMBER: US/10/385,450
; CURRENT FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: US/09/151,771B
; PRIOR FILING DATE: 1998-09-11
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer sequence
; NAME/KEY: unsure
; LOCATION: (13)
; OTHER INFORMATION: any nucleotide can be used
US-10-385-450-21
Query Match 1.1%; Score 12; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 AAAAAAAAAAAAAA 1095
Db 12 AAAAAAAAAAAAAA 1

RESULT 1305
US-10-091-281-442/c
; Sequence 442, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 442
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative RREB/RREB1.01 motif
US-10-091-281-442
Query Match 1.1%; Score 12; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 958 TGGGCAGGGTGG 969
Db 14 TGGGCAGGGTGG 3

RESULT 1306
US-10-103-614A-1/c
; Sequence 1, Application US/10103614A
; Publication No. US20030059796A1
; GENERAL INFORMATION:
; APPLICANT: SALMAN AL-MAHMOOD
; TITLE OF INVENTION: METHOD FOR IDENTIFYING NOVEL GENES INVOLVED IN THE
; REGULATION OF ANGIOGENESIS, STUDY OF SAID GENES AND USE
```

; TITLE OF INVENTION: THEREOF FOR THERAPEUTIC PURPOSES  
; FILE REFERENCE: 1071-02  
; CURRENT APPLICATION NUMBER: US/10/103.614A  
; CURRENT FILING DATE: 2002-08-22  
; PRIOR APPLICATION NUMBER: PCT/FR00/02607  
; PRIOR FILING DATE: 2000-09-20  
; PRIOR APPLICATION NUMBER: FR 99/11790  
; PRIOR FILING DATE: 1999-09-21  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: Patent in Ver. 2.1  
; SEQ ID NO 1  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-10-103-614A-1

Query Match 1.1%; Score 12; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 7.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAA 1095  
Db 12 AAAAAAAAAAAAA 1

RESULT 1307  
US-10-103-614A-3/c  
; Sequence 3, Application US/10103614A  
; Publication No. US20030059796A1  
; GENERAL INFORMATION:  
; APPLICANT: SALMAN AL-MAHMOOD  
; TITLE OF INVENTION: METHOD FOR IDENTIFYING NOVEL GENES INVOLVED IN THE  
; TITLE OF INVENTION: REGULATION OF ANGIOGENESIS, STUDY OF SAID GENES AND USE  
; TITLE OF INVENTION: THEREOF FOR THERAPEUTIC PURPOSES

; FILE REFERENCE: 1071-02  
; CURRENT APPLICATION NUMBER: US/10/103.614A  
; CURRENT FILING DATE: 2002-08-22  
; PRIOR APPLICATION NUMBER: PCT/FR00/02607  
; PRIOR FILING DATE: 2000-09-20  
; PRIOR APPLICATION NUMBER: FR 99/11790  
; PRIOR FILING DATE: 1999-09-21  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: Patent in Ver. 2.1  
; SEQ ID NO 3  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-10-103-614A-3

Query Match 1.1%; Score 12; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 7.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAA 1095  
Db 12 AAAAAAAAAAAAA 1

RESULT 1308  
US-09-504-231A-439/c  
; Sequence 439, Application US/09504231A  
; Patent No. US20020013458A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE

; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION  
; FILE REFERENCE: rpi 247/282  
; CURRENT APPLICATION NUMBER: US/09/504,231A  
; CURRENT FILING DATE: 2000-02-15  
; PRIOR APPLICATION NUMBER: 09/274,553  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3242  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 439  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-504-231A-439

Query Match 1.1%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.3e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 711 ATAGCCCAATTT 722  
Db 15 ATAGCCCAATTT 4

RESULT 1309  
US-09-504-231A-441/c  
; Sequence 441, Application US/09504231A  
; Patent No. US20020013458A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE  
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION  
; FILE REFERENCE: rpi 247/282  
; CURRENT APPLICATION NUMBER: US/09/504,231A  
; CURRENT FILING DATE: 2000-02-15  
; PRIOR APPLICATION NUMBER: 09/274,553  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; NUMBER OF SEQ ID NOS: 3242  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 441  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-504-231A-441

Query Match 1.1%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.3e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 708 CCCATAGCCCAA 719  
Db 12 CCCATAGCCCAA 1

RESULT 1310  
US-09-504-231A-1246/c  
; Sequence 1246, Application US/09504231A  
; Patent No. US2002003458A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE  
; FILE REFERENCE: rpi 247/282  
; CURRENT APPLICATION NUMBER: US/09/504,231A  
; PRIOR FILING DATE: 2000-02-15  
; PRIOR APPLICATION NUMBER: 09/274,553  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3242  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1246  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-504-231A-1246

Query Match 1.1%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.3e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 772 TCGAGAGAGT 783  
Db 12 TCGAGAGAGT 1

RESULT 1311  
US-09-274-553D-439/c  
; Sequence 439, Application US/09274553D  
; Patent No. US2002008225A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE  
; FILE REFERENCE: rpi 247/282  
; CURRENT APPLICATION NUMBER: US/09/274,553D  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3148  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 439  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-274-553D-439

Query Match 1.1%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.3e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 711 ATAGCCAAATTT 722  
Db 15 ATAGCCAAATTT 4

RESULT 1312  
US-09-274-553D-441/c  
; Sequence 441, Application US/09274553D  
; Patent No. US2002008225A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL  
; FILE REFERENCE: rpi 247/282  
; CURRENT APPLICATION NUMBER: US/09/274,553D  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3148  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 441  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-274-553D-441

Query Match 1.1%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.3e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 708 CCCATAGCCAAA 719  
Db 12 CCCATAGCCAAA 1

RESULT 1313  
US-09-274-553D-1246/c  
; Sequence 1246, Application US/09274553D  
; Patent No. US2002008225A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL  
; FILE REFERENCE: rpi 247/282  
; CURRENT APPLICATION NUMBER: US/09/274,553D  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3148  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1246

APPLICANT: Tournier-Lasserre, Elisabeth  
APPLICANT: Jodel, Anne  
APPLICANT: Bousser, Marie-Germaine  
APPLICANT: Bach, Jean-Francois  
TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND  
FILE OF INVENTION: THERAPEUTIC APPLICATION  
FILE REFERENCE: 03715.0048-00000  
CURRENT APPLICATION NUMBER: US/10/356,625  
CURRENT FILING DATE: 2003-02-03  
PRIOR APPLICATION NUMBER: US/09/230,652  
PRIOR FILING DATE: 1999-05-17  
PRIOR APPLICATION NUMBER: FR 96 09733  
PRIOR FILING DATE: 1996-08-01  
PRIOR APPLICATION NUMBER: FR 97 04680  
PRIOR FILING DATE: 1997-04-16  
PRIOR APPLICATION NUMBER: PCT/FR97/01433

TELEX: 67-35-10  
INFORMATION FOR SEQ ID NO: 350:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 350:

US-10-056-414-350

Query Match 1.1%; Score 12; DB 1; Length 15;  
Best Local Similarity 83.3%; Pred. No. 8.3e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 403 CCTGCTCCAGC 414  
DB 1 CCCUGCCAGC 12

RESULT 1317

US-10-010-802-182/c  
; Sequence 182, Application US/10010802  
; Publication No. US20030078220A1  
; GENERAL INFORMATION:  
; APPLICANT: Genaisance Pharmaceuticals  
; APPLICANT: Chew, Anne  
; APPLICANT: Denton, R. Rex  
; APPLICANT: Duda, Amy  
; APPLICANT: Nandabalan, Krishnan  
; APPLICANT: Stephens, J. Claiborne  
; APPLICANT: Windemuth, Andreas  
; TITLE OF INVENTION: Drug Target Isoenes: Polymorphisms in the Interleukin  
; FILE REFERENCE: 4 Receptor Alpha Gene  
; FILE REFERENCE: MMH-000US2 IL4R alpha  
; CURRENT APPLICATION NUMBER: US/10/010,802  
; CURRENT FILING DATE: 2001-11-09  
; PRIOR APPLICATION NUMBER: PCT/US00/19094  
; PRIOR FILING DATE: 2000-07-13  
; NUMBER OF SEQ ID NOS: 413  
; SOFTWARE: Patent in ver. 2.1  
; SEQ ID NO 182  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-010-802-182

Query Match 1.1%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.3e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 144 GGGGCTCCAGCT 155  
DB 13 GGGGCTCCAGCT 2

RESULT 1318

US-09-829-855-168  
; Sequence 168, Application US/09829855  
; Patent No. US20020065609A1  
; GENERAL INFORMATION:  
; APPLICANT: Mathew, Ashby N.  
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations  
; FILE REFERENCE: ASHBY-1  
; CURRENT APPLICATION NUMBER: US/09/829,855  
; CURRENT FILING DATE: 2001-04-10  
; PRIOR APPLICATION NUMBER: US 60/196063  
; PRIOR FILING DATE: 2000-04-10  
; PRIOR APPLICATION NUMBER: US 60/196258  
; PRIOR FILING DATE: 2000-04-11  
; NUMBER OF SEQ ID NOS: 244  
; SOFTWARE: Patent in version 3.1  
; SEQ ID NO 168  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Gluconobacter asaii  
US-09-829-855-168

Query Match 1.1%; Score 12; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 8.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1050 CTCAGTCTCGAA 1061  
DB 2 CTCAGTCTCGAA 13

RESULT 1319

US-09-918-686-29/c  
; Sequence 29, Application US/09918686  
; Patent No. US20020076720A1  
; GENERAL INFORMATION:  
; APPLICANT: Brunkow, Mary  
; APPLICANT: Proll, Sean  
; APPLICANT: Paepel, Bryan  
; APPLICANT: Staehling-Hampton, Karen  
; TITLE OF INVENTION: METHODS FOR IDENTIFYING  
; TITLE OF INVENTION: GENOMIC DELETIONS  
; FILE REFERENCE: 240083.515  
; CURRENT APPLICATION NUMBER: US/09/918,686  
; CURRENT FILING DATE: 2001-07-30  
; NUMBER OF SEQ ID NOS: 105  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 29  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR primer  
US-09-918-686-29

Query Match 1.1%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 403 CCCTGCTCCAGC 414  
DB 13 CCCTGCTCCAGC 2

RESULT 1320

US-09-811-093-23/c  
; Sequence 23, Application US/09811093  
; Patent No. US20020133850A1  
; GENERAL INFORMATION:  
; APPLICANT: Clendennen, Stephanie K.  
; APPLICANT: Kellogg, Jill A.  
; TITLE OF INVENTION: MELON PROMOTERS FOR EXPRESSION OF  
; TITLE OF INVENTION: TRANSGENES IN PLANTS  
; FILE REFERENCE: 4257-0025.30  
; CURRENT APPLICATION NUMBER: US/09/811,093  
; CURRENT FILING DATE: 2001-03-16  
; PRIOR APPLICATION NUMBER: US 60/190,414  
; PRIOR FILING DATE: 2000-03-17  
; NUMBER OF SEQ ID NOS: 45  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 23  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: primer  
US-09-811-093-23

Query Match 1.1%; Score 12; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 8.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAAA 1094  
DB 16 TAAAAAATAAAAA 5

RESULT 1321

US-10-353-150-29/c

; Sequence 29, Application US/10353150  
; Publication No. US20030157543A1  
; GENERAL INFORMATION:  
; APPLICANT: Brunkow, Mary E.  
; APPLICANT: Proll, Sean  
; APPLICANT: Baepfer, Bryan  
; APPLICANT: Staehling-Hampton, Karen  
; TITLE OF INVENTION: METHODS FOR IDENTIFYING  
; TITLE OF INVENTION: GENOMIC DELETIONS  
; FILE REFERENCE: 240083.515C1  
; CURRENT APPLICATION NUMBER: US/10/353.150  
; CURRENT FILING DATE: 2003-01-27  
; NUMBER OF SEQ ID NOS: 105  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 29  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR primer  
US-10-353-150-29

Query Match 1.1%; Score 12; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 8.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 403 CCTGCTCCAGC 414  
|||||  
DB 13 CCTGCTCCAGC 2

RESULT 1322  
US-10-174-794-1/c  
; Sequence 1, Application US/10174794  
; Publication No. US20030166220A1  
; GENERAL INFORMATION:  
; APPLICANT: University of Southern California  
; TITLE OF INVENTION: CDNA, GENOMIC, AND PREDICTED PROTEIN  
; TITLE OF INVENTION: SEQUENCES OF LEARNING-INDUCED KINASES  
; FILE REFERENCE: 13761-707  
; CURRENT APPLICATION NUMBER: US/10/174.794  
; CURRENT FILING DATE: 2002-06-18  
; PRIOR APPLICATION NUMBER: US/09/411,628  
; PRIOR FILING DATE: 1999-10-01  
; PRIOR APPLICATION NUMBER: US 60/102,906  
; PRIOR FILING DATE: 1998-10-02  
; NUMBER OF SEQ ID NOS: 16  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 1  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Anchored primer  
US-10-174-794-1

Query Match 1.1%; Score 12; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 8.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAA 1094  
|||||  
DB 16 TAAAAAATAAAA 5

RESULT 1323  
US-10-103-076-12/c  
; Sequence 12, Application US/10103076  
; Publication No. US20030181351A1  
; GENERAL INFORMATION:  
; APPLICANT: Lee, Emyin Hsiao-Yuan  
; APPLICANT: Tsai, Kuen-Jer  
; TITLE OF INVENTION: SPATIAL LEARNING AND MEMORY

; FILE REFERENCE: 08919-078001  
; CURRENT APPLICATION NUMBER: US/10/103.076  
; CURRENT FILING DATE: 2002-03-21  
; NUMBER OF SEQ ID NOS: 12  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 12  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: primer  
US-10-103-076-12

Query Match 1.1%; Score 12; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 8.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAA 1094  
|||||  
DB 16 TAAAAAATAAAA 5

RESULT 1324  
US-10-431-304-16/c  
; Sequence 16, Application US/10431304  
; Publication No. US20030182690A1  
; GENERAL INFORMATION:  
; APPLICANT: Ciendennen, Stephanie K.  
; APPLICANT: Kellogg, Jill A.  
; APPLICANT: Phan, Chau B.  
; APPLICANT: Mathews, Helena V.  
; APPLICANT: Webb, Nancy M.  
; TITLE OF INVENTION: Banana and Melon Promoters for  
; TITLE OF INVENTION: Expression of Transgenes in Plants  
; FILE REFERENCE: 4257-0019.30  
; CURRENT APPLICATION NUMBER: US/10/431.304  
; CURRENT FILING DATE: 2003-05-06  
; PRIOR APPLICATION NUMBER: US/09/527,972  
; PRIOR FILING DATE: 2000-03-17  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/125,310  
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-19  
; NUMBER OF SEQ ID NOS: 42  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 16  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: oligonucleotide primer  
US-10-431-304-16

Query Match 1.1%; Score 12; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 8.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1083 TAAAAAATAAAA 1094  
|||||  
DB 16 TAAAAAATAAAA 5

RESULT 1325  
US-09-864-785-1569  
; Sequence 1569, Application US/09864785  
; Patent No. US20020177568A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Draper, Ken  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rela  
; TITLE OF INVENTION: Levels of NF-kappa B  
; FILE REFERENCE: 400/022 (MEH00-812-D)  
; CURRENT APPLICATION NUMBER: US/09/864,785



## RESULT 1328

US-09-866-108-7672  
; Sequence 7672, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 7672  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-7673

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 771 CTGGAGAGAG 782  
|||||  
Db 2 CTGGAGAGAG 13

## RESULT 1329

US-09-866-108-7673  
; Sequence 7673, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04

## RESULT 1330

US-09-866-108-7790/c  
; Sequence 7790, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04

## Query Match

Best Local Similarity 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 771 CTGGAGAGAG 782  
|||||  
Db 1 CTGGAGAGAG 12

; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 7790
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7790

Query Match 1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 827 TGCTGAAGCTGG 838
Db 17 TGCTGAAGCTGG 6

RESULT 1331
US-09-866-108-7791/c
; Sequence 7791, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 7791
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7791

Query Match 1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 827 TGCTGAAGCTGG 838
Db 16 TGCTGAAGCTGG 5

RESULT 1332
US-09-148-234-1
; Sequence 1, Application US/09148234
; Patent No. US20020102728A1
; GENERAL INFORMATION:
; APPLICANT: Moutsatsos, Ioannis
; APPLICANT: Gazit, Dan
; APPLICANT: Zilberman, Yoram
; APPLICANT: Turgeman, Gad
; TITLE OF INVENTION: Genetically Engineered Cells Which Express Bone
; TITLE OF INVENTION: Morphogenetic Proteins
; FILE REFERENCE: 314-002
; CURRENT APPLICATION NUMBER: US/09/148,234
; CURRENT FILING DATE: 1998-09-04
; EARLIER APPLICATION NUMBER: 60/057,989
; EARLIER FILING DATE: 1997-09-05
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide based on mouse bone morphogenesis
; OTHER INFORMATION: protein 2 sequence
US-09-148-234-1

Query Match 1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 210 TCCGAGCCCTCT 221
Db 3 TCCGAGCCCTCT 14

RESULT 1333
US-09-880-732-52/c
; Sequence 52, Application US/09880732

; Patent No. US20020127561A1  
; GENERAL INFORMATION:  
; APPLICANT: GENICON SCIENCES CORPORATION  
; APPLICANT: BEE, Gary  
; APPLICANT: KORNE, David E.  
; APPLICANT: KORNE, Linda  
; APPLICANT: PETERSON, Todd  
; APPLICANT: YGUERABIDE, Juan  
; TITLE OF INVENTION: ASSAY FOR GENETIC POLYMORPHISMS USING SCATTERED LIGHT DETECTABLE  
; CURRENT APPLICATION NUMBER: US/09/880,732  
; CURRENT FILING DATE: 2001-09-17  
; PRIOR APPLICATION NUMBER: US 60/210,988  
; PRIOR FILING DATE: 2000-06-12  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 52  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc feature  
; OTHER INFORMATION: Exemplary probe for CYP2D6 allele detection  
US-09-880-732-52

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 403 CCTGTCTCCAGC 414  
Db 12 CCTGTCTCCAGC 1

RESULT 1334  
US-09-864-785-346  
; Sequence 346, Application US/09864785  
; Patent No. US20020177568A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Draper, Ken  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
; FILE REFERENCE: 400/022 (MEHB00-812-D)  
; CURRENT APPLICATION NUMBER: US/09/864,785  
; CURRENT FILING DATE: 2001-05-23  
; NUMBER OF SEQ ID NOS: 3929  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 346  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-864-785-346

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 83.3%; Pred. No. 9.2e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 403 CCTGTCTCCAGC 414  
Db 6 CCCUGCUCCAGC 17

RESULT 1335  
US-09-864-785-347  
; Sequence 347, Application US/09864785  
; Patent No. US20020177568A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Draper, Ken  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
; FILE REFERENCE: 400/022 (MEHB00-812-D)  
; CURRENT APPLICATION NUMBER: US/09/864,785  
; CURRENT FILING DATE: 2001-05-23  
; NUMBER OF SEQ ID NOS: 3929  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 347  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-864-785-347

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 83.3%; Pred. No. 9.2e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 403 CCTGTCTCCAGC 414  
Db 3 CCCUGCUCCAGC 14

RESULT 1336  
US-09-864-785-348  
; Sequence 348, Application US/09864785  
; Patent No. US20020177568A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Draper, Ken  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
; FILE REFERENCE: 400/022 (MEHB00-812-D)  
; CURRENT APPLICATION NUMBER: US/09/864,785  
; CURRENT FILING DATE: 2001-05-23  
; NUMBER OF SEQ ID NOS: 3929  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 348  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-864-785-348

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 83.3%; Pred. No. 9.2e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 403 CCTGTCTCCAGC 414  
Db 1 CCCUGCUCCAGC 12

RESULT 1337  
US-09-912-014-22/c  
; Sequence 22, Application US/09912014  
; Publication No. US2003005929A1  
; GENERAL INFORMATION:  
; APPLICANT: Heller, Michael J.; and Tu, Eugene  
; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC SYSTEMS AND DEVICES FOR MOLECULAR BIOLOGICAL ANALYSIS AND DIAGNOSTICS  
; NUMBER OF SEQUENCES: 31  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon

```
STREET: 611 West Sixth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/912,014
FILING DATE: 24-Jul-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/146,504
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 203/218
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 22:
US-09-912-014-22
Query Match 1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 771 CTGGAGAGAGAG 782
Db 17 CTGGAGAGAGAG 6
RESULT 1338
US-09-930-423-283
; Sequence 283, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MHB00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 283
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-283
Query Match 1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 83.3%; Pred. No. 9.2e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
QY 1081 ATTAAAAA 1092
Db 6 AUUAAAAA 17
RESULT 1339
US-09-930-423-454
; Sequence 454, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MHB00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 454
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-464
; Sequence 464, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MHB00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 464
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-464
Query Match 1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 83.3%; Pred. No. 9.2e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
QY 421 TCCGGCTGCCCC 432
Db 3 UCCGGCUGCCCC 14
RESULT 1340
US-09-930-423-1008
; Sequence 1008, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MHB00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1008
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1008
Query Match 1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 83.3%; Pred. No. 9.2e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
QY 421 TCCGGCTGCCCC 432
Db 2 UCCGGCUGCCCC 13
RESULT 1341
US-09-930-423-1195
; Sequence 1195, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MHB00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1195
; LENGTH: 17
```

```

; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1195

Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 83.3%; Pred. No. 9.2e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 421 TCCGGCTGCCCC 432
Db 5 UCCGGCUGCCCC 16

RESULT 1342
US-09-930-423-1524
; Sequence 1524, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1524
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1524

Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 83.3%; Pred. No. 9.2e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 421 TCCGGCTGCCCC 432
Db 6 UCCGGCUGCCCC 17

RESULT 1343
US-09-780-164-37
; Sequence 37, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 37
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-780-164-37

Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 9.2e+02;
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 139 CTTTGGGGGCTG 150
Db 6 CUUUGGGGCGUG 17

```

```

RESULT 1344
US-09-780-164-506
; Sequence 506, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 506
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-506

Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 9.2e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 469 TCCAGGAAGCTTG 480
Db 6 UCCAGGACUUG 17

RESULT 1345
US-09-780-164-764
; Sequence 764, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 764
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-764

Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 9.2e+02;
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 139 CTTTGGGGGCTG 150
Db 1 CUUUGGGGCGUG 12

RESULT 1346
US-09-780-164-978
; Sequence 978, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164

```

; CURRENT FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/185,516  
; PRIOR FILING DATE: 2000-02-28  
; NUMBER OF SEQ ID NOS: 2603  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 978  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-780-164-978

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 66.7%; Pred. No. 9.2e+02;  
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 139 CTTTGGGGGCTG 150  
|:|:|:|:|:|:|:|:  
Db 5 CUUUGGGGGCUG 16

RESULT 1347  
US-09-780-164-979  
; Sequence 979, Application US/09780164  
; Publication No. US20030092646A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20  
; FILE REFERENCE: 400/010  
; CURRENT APPLICATION NUMBER: US/09/780,164  
; CURRENT FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/185,516  
; PRIOR FILING DATE: 2000-02-28  
; NUMBER OF SEQ ID NOS: 2603  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 979  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-780-164-979

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 66.7%; Pred. No. 9.2e+02;  
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 139 CTTTGGGGGCTG 150  
|:|:|:|:|:|:|:|:  
Db 4 CUUUGGGGGCUG 15

RESULT 1348  
US-09-780-164-980  
; Sequence 980, Application US/09780164  
; Publication No. US20030092646A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20  
; FILE REFERENCE: 400/010  
; CURRENT APPLICATION NUMBER: US/09/780,164  
; CURRENT FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/185,516  
; PRIOR FILING DATE: 2000-02-28  
; NUMBER OF SEQ ID NOS: 2603  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 980  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-780-164-980

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 66.7%; Pred. No. 9.2e+02;  
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 139 CTTTGGGGGCTG 150  
|:|:|:|:|:|:|:|:  
Db 3 CUUUGGGGGCUG 14

RESULT 1349  
US-09-780-164-981  
; Sequence 981, Application US/09780164  
; Publication No. US20030092646A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20  
; FILE REFERENCE: 400/010  
; CURRENT APPLICATION NUMBER: US/09/780,164  
; CURRENT FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/185,516  
; PRIOR FILING DATE: 2000-02-28  
; NUMBER OF SEQ ID NOS: 2603  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 981  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-780-164-981

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 66.7%; Pred. No. 9.2e+02;  
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 139 CTTTGGGGGCTG 150  
|:|:|:~|:~|:~|:~|:~|:  
Db 2 CUUUGGGGGCUG 13

RESULT 1350  
US-09-780-164-1021  
; Sequence 1021, Application US/09780164  
; Publication No. US20030092646A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20  
; FILE REFERENCE: 400/010  
; CURRENT APPLICATION NUMBER: US/09/780,164  
; CURRENT FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/185,516  
; PRIOR FILING DATE: 2000-02-28  
; NUMBER OF SEQ ID NOS: 2603  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1021  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-780-164-1021

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 9.2e+02;  
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 469 TCCAGGAACCTG 480  
|:~|:~|:~|:~|:~|:~|:  
Db 5 UCCAGGAACUUG 16

RESULT 1351  
US-09-780-164-1022

; Sequence 1022, Application US/09780164  
; Publication No. US20030092846A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20  
; FILE REFERENCE: 400/010  
; CURRENT APPLICATION NUMBER: US/09/780,164  
; CURRENT FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/185,516  
; PRIOR FILING DATE: 2000-02-28  
; NUMBER OF SEQ ID NOS: 2603  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1022  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-780-164-1022

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 9.2e+02;  
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 469 TCCAGGAACCTG 480  
Db 4 UCCAGGAACUUG 15  
:|||||:|:

RESULT 1352  
US-09-827-395A-358  
; Sequence 358, Application US/09827395A  
; Publication No. US20030113891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Lawrence Blatt  
; APPLICANT: James McSwiggen  
; APPLICANT: Bharat Chowrira  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor  
; FILE REFERENCE: MBH00-878-C (400/017)  
; CURRENT APPLICATION NUMBER: US/09/827,395A  
; CURRENT FILING DATE: 2001-04-05  
; PRIOR APPLICATION NUMBER: 60/181,797  
; PRIOR FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 09/780,533  
; PRIOR FILING DATE: 2000-02-11  
; NUMBER OF SEQ ID NOS: 2617  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 358  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-827-395A-358

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 9.2e+02;  
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1026 CTGGGCGCTGGCT 1037  
Db 3 CUGGGCCUGGCU 14  
:|||||:|:

RESULT 1353  
US-09-827-395A-359  
; Sequence 359, Application US/09827395A  
; Publication No. US20030113891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Lawrence Blatt  
; APPLICANT: James McSwiggen  
; APPLICANT: Bharat Chowrira  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor

; FILE REFERENCE: MBH00-878-C (400/017)  
; CURRENT APPLICATION NUMBER: US/09/827,395A  
; CURRENT FILING DATE: 2001-04-05  
; PRIOR APPLICATION NUMBER: 09/780,533  
; PRIOR FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/181,797  
; PRIOR FILING DATE: 2000-02-11  
; NUMBER OF SEQ ID NOS: 2617  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 359  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-827-395A-359

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 9.2e+02;  
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1026 CTGGGCGCTGGCT 1037  
Db 2 CUGGGCCUGGCU 13  
:|||||:|:

RESULT 1354  
US-09-827-395A-689  
; Sequence 689, Application US/09827395A  
; Publication No. US20030113891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Lawrence Blatt  
; APPLICANT: James McSwiggen  
; APPLICANT: Bharat Chowrira  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor  
; FILE REFERENCE: MBH00-878-C (400/017)  
; CURRENT APPLICATION NUMBER: US/09/827,395A  
; CURRENT FILING DATE: 2001-04-05  
; PRIOR APPLICATION NUMBER: 09/780,533  
; PRIOR FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/181,797  
; PRIOR FILING DATE: 2000-02-11  
; NUMBER OF SEQ ID NOS: 2617  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 689  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-827-395A-689

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 9.2e+02;  
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1026 CTGGGCGCTGGCT 1037  
Db 5 CUGGGCCUGGCU 16  
:|||||:|:

RESULT 1355  
US-09-827-395A-931  
; Sequence 931, Application US/09827395A  
; Publication No. US20030113891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Lawrence Blatt  
; APPLICANT: James McSwiggen  
; APPLICANT: Bharat Chowrira  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor  
; FILE REFERENCE: MBH00-878-C (400/017)  
; CURRENT APPLICATION NUMBER: US/09/827,395A  
; CURRENT FILING DATE: 2001-04-05  
; PRIOR APPLICATION NUMBER: 09/780,533  
; PRIOR FILING DATE: 2001-02-09

; PRIOR APPLICATION NUMBER: 60/181,797  
; PRIOR FILING DATE: 2000-02-11  
; NUMBER OF SEQ ID NOS: 2617  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 931  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-827-395A-931

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 9.2e+02;  
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1026 CTGGGCTGGCT 1037  
DB 6 CUGGGCCUGGCU 17  
|:|||||:|

RESULT 1356  
US-09-827-395A-932  
; Sequence 932, Application US/09827395A  
; Publication No. US20030113891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Lawrence Blatt  
; APPLICANT: James McSwiggen  
; APPLICANT: Bharat Chowira  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor  
; FILE REFERENCE: MEHB00-878-C (400/017)  
; CURRENT APPLICATION NUMBER: US/09/827,395A  
; CURRENT FILING DATE: 2001-04-05  
; PRIOR APPLICATION NUMBER: 09/780,533  
; PRIOR FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/181,797  
; PRIOR FILING DATE: 2000-02-11  
; NUMBER OF SEQ ID NOS: 2617  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 932  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-827-395A-932

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 9.2e+02;  
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1026 CTGGGCTGGCT 1037  
DB 1 CUGGGCCUGGCU 12  
|:|||||:|

RESULT 1357  
US-09-827-395A-932  
; Sequence 932, Application US/09827395A  
; Publication No. US20030113891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection  
; FILE REFERENCE: RPI 400/003  
; CURRENT APPLICATION NUMBER: US/09/740,332  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9704  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 932  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-827-395A-932

; OTHER INFORMATION: oligonucleotide substrate  
US-09-740-332-798

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 83.3%; Pred. No. 9.2e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 794 ACTGCAGGACTG 805  
DB 6 ACUGCAGGACUG 17  
|:|||||:|

RESULT 1358  
US-09-740-332-799  
; Sequence 799, Application US/09740332  
; Publication No. US20030125270A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection  
; FILE REFERENCE: RPI 400/003  
; CURRENT APPLICATION NUMBER: US/09/740,332  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9704  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 799  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-740-332-799

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 83.3%; Pred. No. 9.2e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 794 ACTGCAGGACTG 805  
DB 1 ACUGCAGGACUG 12  
|:|||||:|

RESULT 1359  
US-09-740-332-1527/c  
; Sequence 1527, Application US/09740332  
; Publication No. US20030125270A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection  
; FILE REFERENCE: RPI 400/003  
; CURRENT APPLICATION NUMBER: US/09/740,332  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9704  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1527  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-740-332-1527

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1000 TGAGGCTGAGA 1011  
|:|||||:|

Db 14 TGAGGCTGGAGA 3

RESULT 1360

; NUMBER OF SEQ ID NOS: 9704

```

; GENOIII: I/
: TYPE: DNA

```

ORGANISM: artificial

```
; NAME/KEY: misc_feature
```

; OTHER INFORMATION: oligonucleotide substrate

0  
 4  
 5  
 7  
 11  
 13  
 14  
 15  
 16  
 17  
 18  
 19  
 20  
 21  
 22  
 23  
 24  
 25  
 26  
 27  
 28  
 29  
 30  
 31  
 32  
 33  
 34  
 35  
 36  
 37  
 38  
 39  
 40  
 41  
 42  
 43  
 44  
 45  
 46  
 47  
 48  
 49  
 50  
 51  
 52  
 53  
 54  
 55  
 56  
 57  
 58  
 59  
 60  
 61  
 62  
 63  
 64  
 65  
 66  
 67  
 68  
 69  
 70  
 71  
 72  
 73  
 74  
 75  
 76  
 77  
 78  
 79  
 80  
 81  
 82  
 83  
 84  
 85  
 86  
 87  
 88  
 89  
 90  
 91  
 92  
 93  
 94  
 95  
 96  
 97  
 98  
 99

```
Query Match
Best Local Similarity: 0.338; score 12; DB 1; Length 17;
1.18;
```

```
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
```

QY 1000 TGAGGCTGGAGA 101

D**b** 5 UGAGGCUGGAGA 16

RES001 1361  
116 00 740 330 3333/2

; Sequence 3757, Application US/09740332

**; GENERAL INFORMATION:**

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treat

; TITLES OF INVENTION: HEPATITIS C VIRUS INFECTION  
 : TITLE REFERENCE: PBT 400/003

US/09/140,332

; NUMBER OF SEQ ID NOS: 9704

; SEQ ID NO 3757

TYPE: BNA

ORGANISM: ALICIA sequence

```
; NAME/KEY: misc_feature
```

; OTHER INFORMATION: oligonucleotide substrate

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45  
46  
47  
48  
49  
50  
51  
52  
53  
54  
55  
56  
57  
58  
59  
60  
61  
62  
63  
64  
65  
66  
67  
68  
69  
70  
71  
72  
73  
74  
75  
76  
77  
78  
79  
80  
81  
82  
83  
84  
85  
86  
87  
88  
89  
90  
91  
92  
93  
94  
95  
96  
97  
98  
99  
100  
101  
102  
103  
104  
105  
106  
107  
108  
109  
110  
111  
112  
113  
114  
115  
116  
117  
118  
119  
120  
121  
122  
123  
124  
125  
126  
127  
128  
129  
130  
131  
132  
133  
134  
135  
136  
137  
138  
139  
140  
141  
142  
143  
144  
145  
146  
147  
148  
149  
150  
151  
152  
153  
154  
155  
156  
157  
158  
159  
160  
161  
162  
163  
164  
165  
166  
167  
168  
169  
170  
171  
172  
173  
174  
175  
176  
177  
178  
179  
180  
181  
182  
183  
184  
185  
186  
187  
188  
189  
190  
191  
192  
193  
194  
195  
196  
197  
198  
199  
200  
201  
202  
203  
204  
205  
206  
207  
208  
209  
210  
211  
212  
213  
214  
215  
216  
217  
218  
219  
220  
221  
222  
223  
224  
225  
226  
227  
228  
229  
230  
231  
232  
233  
234  
235  
236  
237  
238  
239  
240  
241  
242  
243  
244  
245  
246  
247  
248  
249  
250  
251  
252  
253  
254  
255  
256  
257  
258  
259  
260  
261  
262  
263  
264  
265  
266  
267  
268  
269  
270  
271  
272  
273  
274  
275  
276  
277  
278  
279  
280  
281  
282  
283  
284  
285  
286  
287  
288  
289  
290  
291  
292  
293  
294  
295  
296  
297  
298  
299  
300  
301  
302  
303  
304  
305  
306  
307  
308  
309  
310  
311  
312  
313  
314  
315  
316  
317  
318  
319  
320  
321  
322  
323  
324  
325  
326  
327  
328  
329  
330  
331  
332  
333  
334  
335  
336  
337  
338  
339  
340  
341  
342  
343  
344  
345  
346  
347  
348  
349  
350  
351  
352  
353  
354  
355  
356  
357  
358  
359  
360  
361  
362  
363  
364  
365  
366  
367  
368  
369  
370  
371  
372  
373  
374  
375  
376  
377  
378  
379  
380  
381  
382  
383  
384  
385  
386  
387  
388  
389  
390  
391  
392  
393  
394  
395  
396  
397  
398  
399  
400  
401  
402  
403  
404  
405  
406  
407  
408  
409  
410  
411  
412  
413  
414  
415  
416  
417  
418  
419  
420  
421  
422  
423  
424  
425  
426  
427  
428  
429  
430  
431  
432  
433  
434  
435  
436  
437  
438  
439  
440  
441  
442  
443  
444  
445  
446  
447  
448  
449  
450  
451  
452  
453  
454  
455  
456  
457  
458  
459  
460  
461  
462  
463  
464  
465  
466  
467  
468  
469  
470  
471  
472  
473  
474  
475  
476  
477  
478  
479  
480  
481  
482  
483  
484  
485  
486  
487  
488  
489  
490  
491  
492  
493  
494  
495  
496  
497  
498  
499  
500  
501  
502  
503  
504  
505  
506  
507  
508  
509  
510  
511  
512  
513  
514  
515  
516  
517  
518  
519  
520  
521  
522  
523  
524  
525  
526  
527  
528  
529  
530  
531  
532  
533  
534  
535  
536  
537  
538  
539  
540  
541  
542  
543  
544  
545  
546  
547  
548  
549  
550  
551  
552  
553  
554  
555  
556  
557  
558  
559  
560  
561  
562  
563  
564  
565  
566  
567  
568  
569  
570  
571  
572  
573  
574  
575  
576  
577  
578  
579  
580  
581  
582  
583  
584  
585  
586  
587  
588  
589  
590  
591  
592  
593  
594  
595  
596  
597  
598  
599  
600  
601  
602  
603  
604  
605  
606  
607  
608  
609  
610  
611  
612  
613  
614  
615  
616  
617  
618  
619  
620  
621  
622  
623  
624  
625  
626  
627  
628  
629  
630  
631  
632  
633  
634  
635  
636  
637  
638  
639  
640  
641  
642  
643  
644  
645  
646  
647  
648  
649  
650  
651  
652  
653  
654  
655  
656  
657  
658  
659  
660  
661  
662  
663  
664  
665  
666  
667  
668  
669  
670  
671  
672  
673  
674  
675  
676  
677  
678  
679  
680  
681  
682  
683  
684  
685  
686  
687  
688  
689  
690  
691  
692  
693  
694  
695  
696  
697  
698  
699  
700  
701  
702  
703  
704  
705  
706  
707  
708  
709  
710  
711  
712  
713  
714  
715  
716  
717  
718  
719  
720  
721  
722  
723  
724  
725  
726  
727  
728  
729  
730  
731  
732  
733  
734  
735  
736  
737  
738  
739  
740  
741  
742  
743  
744  
745  
746  
747  
748  
749  
750  
751  
752  
753  
754  
755  
756  
757  
758  
759  
760  
761  
762  
763  
764  
765  
766  
767  
768  
769  
770  
771  
772  
773  
774  
775  
776  
777  
778  
779  
780  
781  
782  
783  
784  
785  
786  
787  
788  
789  
790  
791  
792  
793  
794  
795  
796  
797  
798  
799  
800  
801  
802  
803  
804  
805  
806  
807  
808  
809  
810  
811  
812  
813  
814  
815  
816  
817  
818  
819  
820  
821  
822  
823  
824  
825  
826  
827  
828  
829  
830  
831  
832  
833  
834  
835  
836  
837  
838  
839  
840  
84

Exacty watch	Score 12;	DB 1;	Length 17;
1.18;	100	100	100
Best	100	100	100
Local	100	100	100
Limis	100	100	100
1.18;	100	100	100
Score 12;	100	100	100
DB 1;	100	100	100
Length 17;	100	100	100

```
Matches 12; Conservative 0; Mismatches 0;
```

QY 794 ACTGCAGGACTG 805

Db 13 ACTGCAGGACTG 2

U.S.-09-745-2372-283

; sequence 283, Application US/09/452377A

; GENERAL INFORMATION:

```
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Le
; FILE REFERENCE: 400/057 (MEHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2998
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-2998

Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 9.2e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 1026 CTGGGCTGGCT 1037
Db 5 CUGGGCCUGGCU 16

RESULT 1368
US-10-238-700-3213/c
; Sequence 3213, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Le
; FILE REFERENCE: 400/057 (MEHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3213
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3213

Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 517 TGGCATTGGGA 528
Db 14 TGGCATTGGGA 3

RESULT 1369
US-10-238-700-3214/c
; Sequence 3214, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Le
; FILE REFERENCE: 400/057 (MEHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
```

```
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MEHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1195
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1195

Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 83.3%; Pred. No. 9.2e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 421 TCCGGTGCCCC 432
Db 5 UCCGGGUGCCCC 16

RESULT 1366
US-09-745-237A-1524
; Sequence 1524, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MEHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1524
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1524

Query Match      1.1%; Score 12; DB 1; Length 17;
Best Local Similarity 83.3%; Pred. No. 9.2e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 421 TCCGGTGCCCC 432
Db 6 UCCGGGUGCCCC 17

RESULT 1367
US-10-238-700-2998
; Sequence 2998, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
```



; SEQ ID NO 799  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-817-879-799

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 83.3%; Pred. No. 9.2e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 794 ACTGAGGACTG 805  
|||:|||||:  
Db 1 ACUGCAGGACUG 12

## RESULT 1374

US-09-817-879-1527/c  
; Sequence 1527, Application US/09817879  
; Publication No. US20030171311A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection  
; FILE REFERENCE: MEHB00-801-F  
; CURRENT APPLICATION NUMBER: US/09/817,879  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9703  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1527  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-817-879-1527

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1000 TGAGGCTGGAGA 1011  
|||||:|||||:  
Db 14 TGAGGCTGGAGA 3

## RESULT 1375

US-09-817-879-3028  
; Sequence 3028, Application US/09817879  
; Publication No. US20030171311A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection  
; FILE REFERENCE: MEHB00-801-F  
; CURRENT APPLICATION NUMBER: US/09/817,879  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9703  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3028  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-817-879-3028

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 83.3%; Pred. No. 9.2e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1000 TGAGGCTGGAGA 1011  
|||||:|||||:  
Db 5 UGAGGCTGGAGA 16

## RESULT 1376

US-09-817-879-3757/c  
; Sequence 3757, Application US/09817879  
; Publication No. US20030171311A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection  
; FILE REFERENCE: MEHB00-801-F  
; CURRENT APPLICATION NUMBER: US/09/817,879  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9703  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3757  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-817-879-3757

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 794 ACTGAGGACTG 805  
|||||:|||||:  
Db 13 ACTGAGGACTG 2

## RESULT 1377

US-10-294-203-38/c  
; Sequence 38, Application US/10294203  
; Publication No. US20030170680A1  
; GENERAL INFORMATION:  
; APPLICANT: Froehner, Brian  
; APPLICANT: Wagner, Rick  
; APPLICANT: Mateucci, Mark  
; APPLICANT: Jones, Robert J.  
; APPLICANT: Gutierrez, Arnold J.  
; APPLICANT: Pudlo, Jeff  
; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers Containing Modified Pyrimidines  
; FILE REFERENCE: GLIS0155  
; CURRENT APPLICATION NUMBER: US/10/294,203  
; CURRENT FILING DATE: 2002-01-22  
; PRIOR APPLICATION NUMBER: 09/599,738  
; PRIOR FILING DATE: 1996-02-12  
; PRIOR APPLICATION NUMBER: 10/024,818  
; PRIOR FILING DATE: 2001-12-18  
; NUMBER OF SEQ ID NOS: 54  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 38  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic construct  
; NAME/KEY: misc\_feature  
; LOCATION: (4)..(4)

; OTHER INFORMATION: This position is 8-Oxo-N superscript 6-Methyl-2'-Deoxyadenosine  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (9)-(9)  
; OTHER INFORMATION: This position is 8-Oxo-N superscript 6-Methyl-2'-Deoxyadenosine  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (11)-(12)  
; OTHER INFORMATION: This position is 8-Oxo-N superscript 6-Methyl-2'-Deoxyadenosine  
US-10-294-203-38

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1100  
| | | | | | | | | | | | | | | | | | | | |  
DB 17 AAAAAAAAAAAAAA 1

RESULT 1378  
US-10-368-643-7/c  
; Sequence 7, Application US/10368643  
; Publication No. US20030170708A1  
; GENERAL INFORMATION:  
; APPLICANT: Keating, Mark T.  
; APPLICANT: Sanguinetti, Michael C.  
; APPLICANT: Curran, Mark E.  
; APPLICANT: Landes, Gregory M.  
; APPLICANT: Connors, Timothy D.  
; APPLICANT: Burn, Timothy C.  
; APPLICANT: Splawski, Igor  
; TITLE OF INVENTION: KVLQ1 - A LONG QT SYNDROME GENE  
; FILE REFERENCE: 2323-153  
; CURRENT APPLICATION NUMBER: US/10/368,643  
; CURRENT FILING DATE: 2003-02-20  
; PRIOR APPLICATION NUMBER: US 09/597,731  
; PRIOR FILING DATE: 2000-06-19  
; PRIOR APPLICATION NUMBER: US 09/135,010  
; PRIOR FILING DATE: 1998-08-17  
; PRIOR APPLICATION NUMBER: US 60/094,477  
; PRIOR FILING DATE: 1998-07-29  
; PRIOR APPLICATION NUMBER: US 08/921,068  
; PRIOR FILING DATE: 1997-08-29  
; PRIOR APPLICATION NUMBER: US 08/739,383  
; PRIOR FILING DATE: 1996-10-29  
; PRIOR APPLICATION NUMBER: US 60/019,014  
; PRIOR FILING DATE: 1995-12-22  
; NUMBER OF SEQ ID NOS: 116  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 7  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-368-643-7

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 485 TCCTCAGGATCT 496  
| | | | | | | | | | | | | | | | | | | | |  
DB 13 TCCTCAGGATCT 2

RESULT 1379  
US-10-339-793-20/c  
; Sequence 20, Application US/10339793  
; Publication No. US20030180764A1  
; GENERAL INFORMATION:  
; APPLICANT: Lynx Therapeutics, Inc.  
; APPLICANT: Shang, Jin  
; APPLICANT: Bowen, Benjamin

; TITLE OF INVENTION: GENES AFFECTED BY CHOLESTEROL TREATMENT AND DURING ADIPOGENESIS  
; FILE REFERENCE: 37-000310US  
; CURRENT APPLICATION NUMBER: US/10/339,793  
; CURRENT FILING DATE: 2003-01-08  
; NUMBER OF SEQ ID NOS: 443  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 20  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-339-793-20

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 855 CCCACTGGTCAT 866  
| | | | | | | | | | | | | | | | | | | | |  
DB 13 CCCACTGGTCAT 2

RESULT 1380  
US-10-338-777-262/c  
; Sequence 262, Application US/10338777  
; Publication No. US20030188343A1  
; GENERAL INFORMATION:  
; APPLICANT: Lynx Therapeutics, Inc.  
; APPLICANT: United States Department of Agriculture  
; APPLICANT: Bowen, Benjamin A  
; APPLICANT: Haudenschild, Christian D  
; APPLICANT: Buckler, Edward S  
; TITLE OF INVENTION: Identification of Genes Associated with Growth in Plants  
; FILE REFERENCE: 37-000510US  
; CURRENT APPLICATION NUMBER: US/10/338,777  
; CURRENT FILING DATE: 2003-01-07  
; NUMBER OF SEQ ID NOS: 405  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 262  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Arabidopsis thaliana  
US-10-338-777-262

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAA 1095  
| | | | | | | | | | | | | | | | | | | | |  
DB 17 AAAAAAAAAAAAA 6

RESULT 1381  
US-10-170-172-22/c  
; Sequence 22, Application US/10170172  
; Publication No. US20030190632A1  
; GENERAL INFORMATION:  
; APPLICANT: SOSNOWSKI, RONALD G  
; APPLICANT: BUTLER, WILLIAM F  
; APPLICANT: TU, EUGENE  
; APPLICANT: NERENBERG, MICHAEL I  
; APPLICANT: HELLER, MICHAEL J  
; APPLICANT: EDMAN, CARL F  
; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC  
; TITLE OF INVENTION: INTEGRATED SYSTEMS, COMPONENT DEVICES, MECHANISMS,  
; TITLE OF INVENTION: METHODS, AND PROCEDURES FOR MOLECULAR BIOLOGICAL  
; TITLE OF INVENTION: ANALYSIS AND DIAGNOSTICS  
; FILE REFERENCE: DAVID B. MURPHY; Nanogen 227/194  
; CURRENT APPLICATION NUMBER: US/10/170,172  
; CURRENT FILING DATE: 2002-06-11  
; PRIOR APPLICATION NUMBER: US/08/986,065  
; PRIOR FILING DATE: 1997-12-05  
; NUMBER OF SEQ ID NOS: 55

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 22

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Human

US-10-170-172-22

Query Match 1.1%, Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 771 CTGGAGAGAG 782

Db 17 CTGGAGAGAG 6

RESULT 1382

US-10-094-183-18/c

; Sequence 18, Application US/10094183

; Publication No. US20020168631A1

; GENERAL INFORMATION:

; APPLICANT: Welgene, Inc.

; TITLE OF INVENTION: Random Gene Unidirectional Antisense Library

; FILE REFERENCE: 5734.00003

; CURRENT APPLICATION NUMBER: US/10/094,183

; CURRENT FILING DATE: 2002-03-08

; NUMBER OF SEQ ID NOS: 22

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 18

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Artificial Sequence: Synthetic Primer

US-10-094-183-18

Query Match 1.1%, Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAA 1095

Db 17 AAAAAAAAAA 6

RESULT 1383

US-10-041-856-37/c

; Sequence 37, Application US/10041856

; Publication No. US20020169299A1

; GENERAL INFORMATION:

; APPLICANT: SLAUGENHAUPT, SUSAN

; APPLICANT: GUSELLA, JAMES F.

; TITLE OF INVENTION: GENE FOR IDENTIFYING INDIVIDUALS WITH FAMILIAL

; FILE REFERENCE: 1829-4004US1

; CURRENT APPLICATION NUMBER: US/10/041,856

; CURRENT FILING DATE: 2002-07-08

; PRIOR APPLICATION NUMBER: 60/260,080

; PRIOR FILING DATE: 2001-01-06

; NUMBER OF SEQ ID NOS: 88

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 37

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Mus sp.

US-10-041-856-37

Query Match 1.1%, Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 912 TGAAGACAGC 923

|||||

Db 14 TGAAGACAGC 3

RESULT 1384

US-10-138-316-7/c

; Sequence 7, Application US/10138316

; Publication No. US20030054380A1

; GENERAL INFORMATION:

; APPLICANT: Keating, Mark T.

; APPLICANT: Sanguinetti, Michael C.

; APPLICANT: Splawski, Igor

; TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN mink WHICH

; TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING

; TITLE OF INVENTION: KCNE1 AS AN LQT GENE

; FILE REFERENCE: 2323-162

; CURRENT APPLICATION NUMBER: US/10/138,316

; CURRENT FILING DATE: 2002-05-06

; PRIOR APPLICATION NUMBER: 09/444,295

; PRIOR FILING DATE: 1999-11-22

; PRIOR APPLICATION NUMBER: 09/135,020

; PRIOR FILING DATE: 1998-08-17

; PRIOR APPLICATION NUMBER: 08/921,068

; PRIOR FILING DATE: 1997-08-29

; PRIOR APPLICATION NUMBER: 08/739,383

; PRIOR FILING DATE: 1996-10-29

; PRIOR APPLICATION NUMBER: 60/019,014

; PRIOR FILING DATE: 1995-12-22

; PRIOR APPLICATION NUMBER: 60/094,477

; PRIOR FILING DATE: 1998-07-29

; NUMBER OF SEQ ID NOS: 114

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 7

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-138-316-7

Query Match 1.1%, Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 485 TCCTCAGGATCT 496

|||||

Db 13 TCCTCAGGATCT 2

RESULT 1385

US-10-024-818-38/c

; Sequence 38, Application US/10024818

; Publication No. US20030096980A1

; GENERAL INFORMATION:

; APPLICANT: Froehner, Brian

; APPLICANT: Wagner, Rick

; APPLICANT: Mateucci, Mark

; APPLICANT: Jones, Robert J.

; APPLICANT: Gutierrez, Arnold J.

; APPLICANT: Pudlo, Jeff

; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomer

; TITLE OF INVENTION: Containing Modified Pyrimidines

; FILE REFERENCE: GLIS0143

; CURRENT APPLICATION NUMBER: US/10/024,818

; CURRENT FILING DATE: 2001-12-18

; PRIOR APPLICATION NUMBER: 08/599,738

; PRIOR FILING DATE: 1996-02-12

; NUMBER OF SEQ ID NOS: 54

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 38

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic construct

; FEATURE:

; NAME/KEY: misc feature  
; LOCATION: (4)-(4)  
; OTHER INFORMATION: This position is 8-Oxo-N superscript 6-Methyl-2'-Deoxyadenosine  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (8)-(9)  
; OTHER INFORMATION: This position is 8-Oxo-N superscript 6-Methyl-2'-Deoxyadenosine  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (11)-(12)  
; OTHER INFORMATION: This position is 8-Oxo-N superscript 6-Methyl-2'-Deoxyadenosine  
US-10-024-818-38

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1084 AAAAAAAAAAAAAA 1100  
Db 17 AAAAAAAAAAAAAA 1

RESULT 1386  
US-10-060-998-593/c  
; Sequence 593, Application US/10060998  
; Publication No. US20030104530A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
; FILE REFERENCE: PB01108  
; CURRENT APPLICATION NUMBER: US/10/060,998  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/343,331  
; PRIOR FILING DATE: 2001-12-21  
; NUMBER OF SEQ ID NOS: 3056  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 593  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-998-593

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 757 AGGAGATGGCAG 768  
Db 17 AGGAGATGGCAG 6

RESULT 1387  
US-10-060-998-594/c  
; Sequence 594, Application US/10060998  
; Publication No. US20030104530A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
; FILE REFERENCE: PB01108  
; CURRENT APPLICATION NUMBER: US/10/060,998  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/343,331  
; PRIOR FILING DATE: 2001-12-21  
; NUMBER OF SEQ ID NOS: 3056  
; SOFTWARE: Aecomica Sequence Listing Engine

; SEQ ID NO 594  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-998-594

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 757 AGGAGATGGCAG 768  
Db 16 AGGAGATGGCAG 5

RESULT 1388  
US-10-060-998-595/c  
; Sequence 595, Application US/10060998  
; Publication No. US20030104530A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
; FILE REFERENCE: PB01108  
; CURRENT APPLICATION NUMBER: US/10/060,998  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/343,331  
; PRIOR FILING DATE: 2001-12-21  
; NUMBER OF SEQ ID NOS: 3056  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 595  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-998-595

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 757 AGGAGATGGCAG 768  
Db 15 AGGAGATGGCAG 4

RESULT 1389  
US-10-060-998-596/c  
; Sequence 596, Application US/10060998  
; Publication No. US20030104530A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
; FILE REFERENCE: PB01108  
; CURRENT APPLICATION NUMBER: US/10/060,998  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/343,331  
; PRIOR FILING DATE: 2001-12-21  
; NUMBER OF SEQ ID NOS: 3056  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 596  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-998-596

Query Match 1.1%; Score 12; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 757 AGGAGATGGCAG 768  
| | | | | | | | | |  
Db 14 AGGAGATGGCAG 3

RESULT 1390  
US-10-060-998-597/c  
; Sequence 597, Application US/10060998  
; Publication No. US20030104530A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
; CURRENT APPLICATION NUMBER: US/10/060,998  
; PRIOR FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/343,331  
; PRIOR FILING DATE: 2001-12-21  
; NUMBER OF SEQ ID NOS: 3056  
; SOFTWARE: Aeomica Sequence Listing Engine  
; SEQ ID NO 597  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-998-597

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 757 AGGAGATGGCAG 768  
| | | | | | | | | |  
Db 13 AGGAGATGGCAG 2

RESULT 1391  
US-10-060-998-598/c  
; Sequence 598, Application US/10060998  
; Publication No. US20030104530A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
; CURRENT APPLICATION NUMBER: US/10/060,998  
; PRIOR FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/343,331  
; PRIOR FILING DATE: 2001-12-21  
; NUMBER OF SEQ ID NOS: 3056  
; SOFTWARE: Aeomica Sequence Listing Engine  
; SEQ ID NO 598  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-998-598

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 757 AGGAGATGGCAG 768  
| | | | | | | | | |  
Db 12 AGGAGATGGCAG 1

RESULT 1392  
US-10-156-306-528/c  
; Sequence 528, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel:  
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 528  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-528

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 9.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1082 TTTAAAAAAA 1093  
| | | | | | | | | |  
Db 12 TTTAAAAAAA 1

RESULT 1393  
US-10-156-306-631  
; Sequence 631, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel:  
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 631  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-631

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 83.3%; Pred. No. 9.2e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1081 ATTAAAAAAA 1092  
| | | | | | | | | |  
Db 6 ATTAAAAAAA 17

RESULT 1394  
US-10-156-306-4969  
; Sequence 4969, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel  
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 4969  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-4969

Query Match 1.1%; Score 12; DB 1; Length 17;  
Best Local Similarity 91.7%; Pred. No. 9.2e+02;  
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 407 GCTCAGCAGGC 418  
||:|||||  
Db 1 GCUCAGCAGGC 12

## RESULT 1395

US-09-998-936-1/c  
; Sequence 1, Application US/09998936  
; Patent No. US20020125214A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Park, So-Jung  
; APPLICANT: Rongchao, Jin  
; TITLE OF INVENTION: SILVER STAIN REMOVAL BY CHEMICAL ETCHING AND SONICATION  
; FILE REFERENCE: 00-1124-A  
; CURRENT APPLICATION NUMBER: US/09/998,936  
; CURRENT FILING DATE: 2001-11-20  
; PRIOR APPLICATION NUMBER: 60/251,715  
; PRIOR FILING DATE: 2000-12-06  
; NUMBER OF SEQ ID NOS: 3  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 1  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: random  
; OTHER INFORMATION: synthetic sequence  
US-09-998-936-1

Query Match 1.1%; Score 12; DB 1; Length 22;  
Best Local Similarity 75.0%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 936 TTTTCTTTTATGAGTCACA 955  
|||||  
Db 20 TTTTCTTTTACGAGTTGAGA 1

Search completed: January 8, 2004, 16:19:35  
Job time : 39 secs